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High School Course and Planning Guide

2016-2017 School Year



SAN ANTONIO INDEPENDENT SCHOOL DISTRICT





San Antonio Independent School District

141 Lavaca St. • San Antonio, Texas • 78210-1095
(210) 554-2200

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School Leadership

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High Schools

Mission Statement

To transform SAISD into a national model urban school district where every child graduates and is educated so that he or she is prepared to be a contributing member of the community.

Vision Statement

Our primary purpose of improving lives through a quality education is driven by an unrelenting determination to graduate all of our students and prepare them for success in higher education. Our ideology is reflected in our fundamental beliefs, commitments and core values that guide us in our daily practices.

Core Values

Student Centered
High Expectations
Commitment
Passion
Integrity
Respect
Teamwork

Core Beliefs

- Every student can learn and achieve at high levels.
- We are responsible for the education and safety of every student.
- We are responsible for the efficient and effective operation of the school system.
- Everyone should be treated with respect.
- People support what they help create.



San Antonio Independent School District

Superintendent of Schools

141 Lavaca St. ♦ San Antonio, Texas 78210 ♦ Telephone (210) 554-2280 ♦ Fax (210) 299-5580

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Dear Students and Parents,

In your hands is a valuable document to help prepare for academic success. We ask that you review the “High School Course and Planning Guide” together and discuss the various education settings and course options offered by San Antonio ISD.

Our District is redefining excellence by the year 2020 with bold goals that ensure all SAISD students are well prepared for higher education. Dramatic change is underway as we build a solid pathway to college for all students, starting with our Pre-K programs. We emphasize a culture of high expectations, because we strongly believe – and I have seen it happen – that students will rise to meet them.

Students, our ultimate goal is to ensure that we prepare you well to achieve your life goals. The courses you select in high school will help navigate the process of getting into and succeeding in college. The section, “Crosswalk to College, Career, and Beyond”, provides a framework for high school courses that prepare you for college and beyond, as well as checklists, resources, timelines and key elements of the college-going process.

Parents, YOU are our most valued partner in education. We want to empower you to actively participate in your child’s education. Understanding the programs and courses of study available in the “High School Course and Planning Guide” is an important, first step in being involved in the decision-making process. Thank you for your commitment to your child’s success.

Sincerely,

Pedro Martinez
Superintendent

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Section I:

General Information for High School Students and Parents

SAISD

SAISD Disclaimer:

The contents of the High School Information Guide are relevant to SAISD Policy (LEGAL and LOCAL) and Administrative Procedures as of January 2016. For current information regarding district policy, please refer to the San Antonio Independent School District website at [SAISD Board Policy Manual](#) or visit with your school counselor.

Specific school-related questions should be directed to campus staff. When a parent or guardian has a question or concern, he or she should contact the person who made the initial decision. If the concern continues after the discussion, the principal should be contacted.

San Antonio Independent School District does not discriminate on the basis of race, religion, color national origin, sex, or disability in providing education services, activities, and programs, including vocational programs, in accordance with Title VI of the Civil Rights Act of 1964, as amended; Title IX of the Educational Amendments of 1972; section 504 of the Rehabilitation Act of 1973, as amended.

General Information for High School Students and Parents

Success in High School

San Antonio ISD is committed to improving the lives of all students through a quality education in preparation for success in higher education, careers, and life. Each decision you make impacts the options you will have later in life. Challenge yourself while in high school. Select courses that challenge your thinking and creativity. Explore career interests, and investigate college and career opportunities. Your success in high school requires a plan for your future!

Understanding the planning process, courses offered, and graduation requirements are critical first steps toward success. A 4-Year Graduation Plan is created to ensure you understand and meet the graduation requirements for the Recommended and Distinguished Achievement programs. Reaching your potential is possible through ongoing college and career research and planning.

Gaining a Jump Start...on your transition to college, workforce, and/or military is possible by taking college level courses while in high school. Opportunities include:

- AP, IB, and Pre-AP/IB Programs - College preparatory courses are offered in English, math, science, social studies, and fine arts.
- Dual Credit Programs - College level courses are taught at the high school, online, or on a college campus where students attend classes and receive college credit while still in high school.
- Career Pathway Programs - Select a sequence of elective courses based on your interests, aptitudes, and career/college goals.
- Endorsements - Five endorsement options that allow students to focus on a related series of courses.

The courses student's select allow us to plan our school year. Therefore, we ask that you think about your plan, your interests, and your goals beyond high school as you develop your 4-year plan. We will do our best to honor your course selections and ask that you plan for alternate electives since some conflicts may be unavoidable.

Academic and Career Planning in SAISD

With the growing complexity of the world and the increasing demands of the 21st-century workforce, there is little question that all students should graduate from high school fully prepared for college AND careers. From an academic perspective, college and career readiness means that a high school graduate has the knowledge and skills in English and mathematics necessary to qualify for and succeed in entry-level, credit-bearing postsecondary coursework without the need for remediation. To put another way, a high school graduate has the English and math knowledge and skills needed to qualify for and succeed in the postsecondary job training and/or education necessary for their chosen career (i.e. community college, university, technical/vocational program, apprenticeship, or significant on-the-job training).

To be college-and-career-ready, high school graduates must have studied a rigorous and broad curriculum, grounded in the core academic disciplines but also consisting of other subjects that are part of a well-rounded education. Academic preparation alone is not enough to ensure postsecondary readiness, but it's clear that it is an essential part of readiness for college, careers, and life in the 21st century.

College and Career (C2) Readiness in SAISD falls under the Academic Support umbrella and includes programs like GEAR UP 2, Phoenix Middle College at St. Philip's College Southwest Campus and Career Technical Education. Students participate in a variety of annual events including "Ag in the City" for 4th Graders at Burbank HS and College Night for Elementary Students. College bound seniors enjoy the Mayor's "Signing Ceremony", where students publicly proclaim their plans for higher education and are photographed with other

seniors from across the city attending the same college or university. There are nearly fifty C2 (College and Career Readiness) activities and programs in which SAISD students can participate. Activities include:

- Campus-based college and career action plans
- Academic and technical dual credit opportunities
- College and university collaborations to provide students and parents with college life/expectations
- “Know How 2 GO” booklets and training opportunities for K-12 parents and students
- Destination College Week activities
- Core4 STEM Expo
- 100% of students and parents receive information and workshops on FAFSA (Free Application for Federal Student Aid)
- 100% of seniors complete and submit FAFSA/TASFA applications
- Submit scholarships and college applications
- 10th and 11th graders take PSAT
- 11th and 12th graders take SAT
- 9th – 12th graders take TSI

Parental Involvement, Volunteers, and Mentors

Both experience and research tell us that a child’s educational success must be supported by a strong partnership between home and school, a partnership that thrives on communication. Your involvement in this partnership may include:

- Encouraging your child to put a high priority on education and working with your child on a daily basis to make the most of the educational opportunities the school provides.
- Ensuring that your child completes all homework assignments and special projects, comes to school each day prepared, rested, in appropriate attire and ready to learn.
- Becoming familiar with all of your child’s school activities and with the academic programs, including special programs offered in the district.
- Monitoring your child’s academic progress and emotional and mental well-being and contacting teachers or other campus staff as needed.
- Attending scheduled conferences and requesting additional conferences as needed.
- Reviewing the requirements and options for graduation with your child in middle school and again while your child is enrolled in high school.
- Becoming a school volunteer. There are numerous, rewarding opportunities to become a volunteer for the district.

Volunteers will receive and must review the SAISD Volunteer Code of Ethics and Standards of Conduct. All volunteers must also complete a Criminal History Background Check and provide a copy of a valid driver’s license. These forms are available through the school office. (See Section IV: Appendix)

- Participating in parent organizations that support the campus.
- Serving as a parent representative on the District-level or campus-level planning committees assisting in the development of educational goals and plans to improve student achievement.
- Serving on the School Health Advisory Council that assists the District in ensuring local community values are reflected in health education instruction and other wellness issues.
- Participating in specific outside organizations that focus on parent involvement that are approved by the District, such as San Antonio Fighting Back, United Way Family-School-Community Partnership, PTA, etc.
- Serving on a committee to determine criteria to be used to evaluate the overall performance of the district and each campus in community and student engagement. For further information, please contact the campus principal.

The Director of Parent and Family Engagement may be reached at 554-2210. For parents of students participating in Title I programs, you may reach the Director of Federal Programs at 554-8321.

High School Transcripts

The high school transcript is an official and permanent record of a student's academic performance during high school and, in some cases, of high school courses completed prior to high school (TEC §28.025(e)). Transcript entries may not be altered or removed except to correct errors.

Requests for high school transcripts for current SAISD students should be directed to the high school registrar. Requests for official high school transcripts for former SAISD students should be directed to PEIMS and Student Data Services, 1702 N. Alamo Street, San Antonio, TX 78215, (210) 244-2909. A nominal fee is charged and can only be paid by cash or money order to SAISD.

Extracurricular Activities, Clubs, Organizations, and Honorary Privileges

Participation in school and school-related activities is an excellent way for a student to develop talents, receive individual recognition, and build strong friendships with other students. Participation in extracurricular or school-related activities/events is an honorary privilege. The privilege to participate is granted by the school or district and participation may be denied based upon student violations of any rules, procedures, or policies of the district. Honorary privileges are granted for school activities such as, but not limited to prom, graduation ceremonies, senior trips, non-instructional field trips, etc. In addition, participation in school clubs and organizations, which are not governed by UIL, require parent permission.

Many of the activities are governed by the University Interscholastic League (UIL) – a statewide association of participating districts. However, eligibility for initial and continuing participation in many of these activities is also governed by state law, District policies, student code of conduct, as well as UIL rules. If a student is involved in an academic, athletic, or music activity governed by UIL, the student and parent are expected to know and follow all rules of the UIL organization. Students involved in UIL athletic activities and their parents can access the UIL Parent Information Manual at UIL.Texas; a hard copy can be provided by the coach or sponsor of the activity on request. To report a complaint of alleged noncompliance with required safety training or an alleged violation of safety rules required by law and the UIL, please contact the curriculum division of the Texas Education Agency at (512) 463-9581 or curriculum@tea.state.tx.us.

[See <http://www.uil texas.org> for additional information.]

In addition, the following provisions apply to all extracurricular activities:

- A student who receives at the end of a grading period a grade below 70 in any academic class-other than an Advanced Placement or International Baccalaureate course; or an honors or dual credit course in English language arts, mathematics, science, social studies, economics or language other than English may not participate in extracurricular activities for at least three school weeks.
- A student who receives special education services and who fails to meet the standards in the individualized education program (IEP) may not participate for at least three school weeks.
- An ineligible student may practice or rehearse.
- A student is allowed in a school year a maximum of 10 absences not related to post-district competition, a maximum of five absences for post-district competition prior to state, and a maximum of three absences for state competition. All extracurricular activities and public performances, whether UIL activities or other activities approved by the board, are subject to these restrictions.
- An absence for participation in an activity that has not been approved will receive an unexcused absence.

UIL Exceptions

All AP, IB, Dual Credit (DC,) Pre-AP, Pre-IB and honors courses are exempt for eligibility purposes. According to Section 74.30 of the Texas Administrative Code, the following are considered to be honors classes and exempt from UIL eligibility requirements:

- All College Board advanced placement courses and International Baccalaureate courses in all disciplines.
- English language arts: high school/college concurrent enrollment classes that are included in the "Community College General Academic Course Guide Manual (Part One)."
- Languages other than English: high school/college concurrent enrollment classes that are included in the "Community College General Academic Course Guide Manual (Part One)," and languages other than English courses Levels IV-VII.
- Mathematics: high school/college concurrent enrollment classes that are included in the "Community College General Academic Course Guide Manual (Part One)" and Precalculus.

- Science: high school/college concurrent enrollment classes that are included in the "Community College General Academic Course Guide Manual (Part One)."
- Social studies: Social Studies Advanced Studies, Economics Advanced Studies, and high school/college concurrent enrollment classes that are included in the "Community College General Academic Course Guide Manual (Part One)."

UIL Eligibility Standards

The sole purpose of eligibility rules and contest regulations is to keep competition equitable and to maintain activities in proper perspective. It is the responsibility of each school to ensure that students do not compete unless they comply with all eligibility rules. It is also the responsibility of the student to observe and obey these standards. According to UIL standards, students are eligible to represent their school in interscholastic activities if they:

- Have not graduated from high school;
- Are full-time, day students in the school, and have been in regular attendance at the school since the 6th class day of the present school year, or have been in regular attendance for 15 or more calendar days before the contest or competition;
- Are in compliance with state law and rules of the Commissioner of Education, (see TEA-UIL Side By Side);
- Are enrolled in a four year, normal program of high school courses, and initially enrolled in the 9th grade not more than 4 years ago nor in the 10th grade not more than 3 years ago;
- Are not recruited;
- Are not in violation of the awards rule;
- Meet the specific eligibility requirements for academic, music and/or athletic competition.

Start of School Year: In order for students to be eligible at the start of the school year credits earned are counted as follows:

- Promoted to 9th grade;
- 5 credits earned for a student entering their second year in high school;
- 10 credits earned for a student entering their third year in high school;
- 15 credits earned for a student entering their fourth year in high school; or
- A student has earned 5 credits in the last twelve months.

Within District Transfers: A student is eligible for varsity athletics if the student transfers at the first opportunity (the beginning of the 9th grade school year). If a student subsequently transfers to another school, the student is not eligible for varsity athletic competition until the student has been in and regularly attended that school for at least the previous calendar year.

First Six Weeks:

- A student may lose their eligibility if they have failing grades at the end of the first six weeks of the school year.
- A student may earn eligibility, if they did not have enough credits at the start of the school year, but are currently passing all enrolled courses.

End of Nine Weeks:

- A student who is passing all courses at the end of the nine weeks is eligible for the entire subsequent nine weeks. This cycle continues for the remaining grading periods after the first nine weeks.
- If a student loses their eligibility for failing grades at the end of the nine weeks, they may regain eligibility with grade checks at the third week progress or at the six week progress report. This cycle continues for the subsequent grading periods after the first nine weeks.

UIL Transfer Policy

A student who changes schools for athletic purposes is not eligible to compete in varsity athletics at the school to which he or she moves for at least one calendar year, even if both parents move to the new school attendance zone. The District Executive Committee for the district into which the student moves shall determine when or if the student who moves for athletic purposes becomes eligible. A student attending a school outside the attendance zone where the parents reside would not be eligible for varsity athletics for one calendar year. A student who changes school for non-athletic purposes must be enrolled and in regular attendance for 15 or more calendar days before becoming eligible for varsity athletics. The student becomes eligible on the 15th day unless he/she enrolled within the first 6 days of school. An Intra-District Transfer occurs when a student has an option to attend more than one high school within a school district, rather than being assigned to a school according to attendance zones. A student is eligible at the school first selected if he or she transfers at the first

opportunity (beginning of 9th grade school year). A Previous Athletic Participation Form (PAPF) is also required if the student has participated or practiced in athletics in grade 9-12 at another school. This form must be approved by the District Executive Committee before they are eligible to participate at the varsity level. Approval is not guaranteed.

School Breaks

When a student is enrolled and the district has a break one week or longer, all students are eligible for UIL purposes during the break.

Athletics

The SAISD athletic program promotes the physical, mental, moral, and social well-being of students. The athletic program is an integral part of the total educational process. Athletics provide opportunities for students to develop and utilize athletic talents in organized competition with students of similar ability. The ultimate mission of the SAISD Athletic Department is to ensure and enhance the quality of life for youth by providing competitive activities that will produce young men and women able to enter the community as constructive, contributing members of society.

Student safety in extracurricular activities is a priority of the district. For example, a parent is entitled to review the district's records regarding the age of each football helmet used by the campus, including when a helmet has been reconditioned.

Participation in some of these activities may result in events that occur off-campus. When the district arranges transportation for these events, students are required to use the transportation provided by the district to and from events. Exceptions to this may only be made with the approval of the activity's coach or sponsor.

Student Rights and Responsibilities

All students are entitled to enjoy the basic rights of citizenship recognized and protected by law for persons of their age and maturity. Students are expected to respect the rights and privileges of other students, teachers, and District staff. Students shall exercise their rights responsibly in compliance with rules established for the orderly conduct of the District's educational mission. Student responsibilities for maintaining a positive learning environment at school or school-related activities include:

- Treating other students and the adults in the school with courtesy and respect.
- Accepting responsibility for their actions and behavior and being accountable for the consequences.
- Attending all classes regularly and on time.
- Being prepared for each class with appropriate materials and assignments.
- Dressing and grooming appropriately as described in this document.
- Paying debts in a timely manner, unless these are waived.
- Seeking changes in school policies and regulations in an orderly and responsible manner, through appropriate channels.
- Respecting the property of others, including District property and facilities.
- Refraining from violations of the SAISD Student Code of Conduct and obeying all campus and classroom rules, including safety rules. The District may impose campus or classroom rules in addition to those found in the SAISD Student Code of Conduct. These rules may be listed in the campus student handbook or posted in classrooms, and violations of such rules may or may not constitute violations of the SAISD Student Code of Conduct.
- Reciting the Pledge of Allegiance to the United States flag and the Pledge of Allegiance to the Texas flag each day is required by Texas law. State law requires one minute of silence follow recitation of the pledges. The student may choose to reflect, pray, meditate, or engage in any other silent activity so long as the silent activity does not interfere with or distract others. In addition, state law requires that each campus provide for the observance of one minute of silence at the beginning of the first class period when September 11 falls on a regular school day in remembrance of those who lost their lives on September 11, 2001.
- Reciting a quoted portion of the Declaration is required for 3rd-12th grade students by the authority of the State Board of Education.
- Each student has a right to individually, voluntarily, and silently pray or meditate in school in a manner that does not disrupt instructional or other activities of the school. The school will not require, encourage, or coerce a student to engage in or refrain from such prayer or meditation during any school activity.

- The District will not treat a student's otherwise permissible voluntary expression of a religious viewpoint in any other manner than it treats the student's otherwise permissible expression on a secular or other viewpoint. The administration at each high school campus has information pertaining to the District's limited public forum policy governing voluntary religious expression.

Academic Monitoring

Grading Philosophy

The objective of a student's education is to acquire knowledge and skills to achieve a meaningful and productive life. Grades are assigned to provide an evaluation of knowledge and skills. Grading should reflect a student's relative mastery of an assignment and that a sufficient number of grades are taken to support the grade average assigned. Grades are based on curriculum-related criteria and reflect academic achievement. Because all students and parents are entitled to know how grades will be determined, the principal, at the beginning of the school year, shall explain the grading system to parents, teachers and students. Any variations or changes made to the procedure shall be communicated to parents and students in a timely manner.

Extracurricular Grading

Eligible students' participation or lack of participation in extracurricular activities, rehearsals, and/or performances beyond the regular school day may impact students' grades. However, a student may not be failed in a class solely on participation in the extracurricular activity component of the class. Ineligible students shall be required to complete an alternate assignment, in lieu of participation in extracurricular activities, rehearsals, and/or performances. Specific guidelines for grading procedures shall be established at the campus level, recommended by the teacher, and approved by the principal.

Number of Grades

All teachers shall use the electronic grade book to record and maintain student grades in a timely manner.

Grades 9-12:

The academic grade should accurately reflect the student's knowledge and skill level in the Academic Standard or subject area at the end of the grading period. Teachers in grades 9-12 are to provide the following number of grades during a nine-week grading period:

- Teachers will record NO LESS THAN 15 different grades per grading period per subject area. The 15 grades will be distributed throughout the nine-week grading period with NO FEWER THAN 1-2 grades per week per subject area recorded, entered, and posted in the electronic grade book. The number of grades required for credit attainment lab will vary depending on the length of assignment to the class.
- In order to provide timely information to parents and other colleagues (UIL eligibility), the appropriate number of numerical grades shall be recorded in the electronic grade book per week as required in item 1 above, so that by the end of each three week period for the progress report deadline 3 to 6 grades are entered per subject area.

Make-up Work, Redoing Assignments, and Retaking Tests

Students may request make-up work after an absence, whether the absence is excused or unexcused within the following time frame:

- A student is allowed 2 instructional days for each day missed with a maximum of 6 days during which make-up work may be completed or to schedule a make-up assessment.
- An extension of time may be granted for a prolonged absence, if, in the opinion of the student's teacher(s) and with the approval of the principal, an individual student's request or case warrants an extension.

In accordance with EIA (LOCAL), a student must be permitted a reasonable opportunity to redo an assignment or retake a test for which the student received a grade less than 70. Following additional instruction or intervention, students will have one opportunity to redo one failing assignment in each subject per grading period; however, a teacher may, at the teacher's discretion, permit students to redo additional failing assignments. Following additional instruction or intervention, students will have one opportunity to retake one failing test (examination) in each subject per grading period; however, a teacher may, at his or her discretion, permit students to redo additional failing tests (examinations). See Section IV for information on San Antonio ISD board policy.

If the grade on the retake assignment or test (examination) is 70 or above, then the original grade shall be replaced and recorded as a 70. If the grade on the retake assignment or test (examination) is below 70, then the higher of two grades shall be recorded.

Report Cards and Progress Reports

Reports of student's progress in grades 9-12 must be provided every three weeks. Specifically, all students should receive a progress report at the 3rd and 6th weeks within a nine-week grading period. In accordance with state law, students who have failing grades or are in danger of failing in any subject area must receive a progress report.

Report cards are distributed after the end of each nine-week grading period to inform parents of the student's academic status. State law provides that a test or course grade issued by a teacher cannot be changed unless the Board of Trustees determines that the grade was arbitrary, contains an error, or the teacher did not follow the District's grading policy. The Board's decision may not be appealed. Teachers notify the parent if a student is failing or in danger of failing by sending home a progress report after the end of the 3rd and 6th weeks of each grading period. Progress reports may also be issued any time a student's progress becomes unsatisfactory.

Semester Exams

Secondary teachers (grades 6-12) are required to administer semester exams in all course subjects at the end of the 2nd and 4th nine week cycles. The Semester Exam for each course will be counted as 15% of the Semester grade.

- State Tested Core Courses: The semester exam for the tested core subjects (ELA, Math, Science, Social Studies) will be created by the Curriculum and Instruction Department. All students within the same subject will take the same exam throughout the district.
- All Other Courses: The semester exam for all other subjects will be created by the individual teacher.

Semester Grade Calculation

Semester grades for the secondary grade levels will be calculated according to the grading system. The semester grade will be computed as 85% of the average of the two cycle grades and 15% of the semester exam grade awarded by the teacher during a particular semester. Students missing an individual cycle grade or semester exam within a particular semester will not have a semester grade calculated.

$$\left(\frac{\text{Cycle 1 Grade} + \text{Cycle 2 Grade}}{2} \times .85 \right) + (\text{Semester Grade} \times .15) = \text{Semester Grade}$$

$$\text{Sample: } \left(\frac{70+90}{2} \times .85 \right) + (80 \times .15)$$

$$(83 \times .85) + (80 \times .15)$$

$$(70.55) + (12) = \mathbf{83 \text{ Semester Grade}}$$

Grading Scale

Course assignments and evaluations (assessments) shall be used to determine student grades in a subject. The following grading scale will be utilized for recording students' grades in high school:

- A** = 90 to 100
- B** = 80 – 89
- C** = 75 – 79
- D** = 70 – 74
- Failing** = 69 or below
- I** = Incomplete
- NG** = No Grade

Course Weighting for Advanced Level Courses

Grade weights for students entering high school in and/or after 2007-2008 shall be assigned to grades earned by high school students for the purposes of class ranking in accordance with the following scale for final semester grades 70 and above:

Students Entering High School for the School Years Listed Below		
	2014-2015 and Before	2015-2016 and Beyond
Course	Weight Added	Weight Added
International Baccalaureate (IB)	+12	+10
Advanced Placement (AP)/Dual Credit	+10	+10
Pre-International Baccalaureate (Pre-IB)	+7	+5
Pre-Advanced Placement (Pre-AP)	+5	+5
Below 70 in any course	+0	+0

Weighted grades do not appear on the report card or AAR.

In the case of a transfer student, grades shall be based on the intent of the sending school. If the transfer grade from an accredited school has been designated as an AP, Pre-AP, Honors, or Dual Credit course on the transcript, the grade shall be awarded weighted rank points as long as the same course is weighted at the same level of difficulty within the District. If the transfer grade from an accredited school has been designated as an IB or Pre-IB course on the transcript, the grade shall revert to weighted rank points for an AP or Pre-AP weight if the campus does not have an IB program. Numerical grades earned from an accredited school shall be accepted.

Advanced Level Course Conversion

For students who are enrolled in a college course that awards alpha grades, the school shall interpret the advanced level course grade using the conversion chart in Appendix D: Grade Point Average Conversion Scales.

Promotion Standards

Grade-level advancement for students in grades 9-12 shall be earned by course credits. High school graduation credits may be earned only if the student received a grade that is the equivalent of 70 on a scale of 100 based upon the essential knowledge and skills for each course. Mastery of at least 70 percent of the objectives on district-approved tests shall be required. A student may only be promoted on the basis of academic achievement or demonstrated proficiency in the course or grade level.

Grade Point Average

The total Grade Point Average (GPA) is calculated for each student upon the basis of weighted grade averages for semester course grades earned in high school. Grade points are awarded based on the grading system used by San Antonio Independent School District.

Honor Rolls

Each grading period has a distinct honor roll listing and no honor roll is cumulative. No end-of-the-year average honor roll is computed since honor roll criteria include numerical grades, letter grades in certain subjects, and letter designations for conduct/citizenship. Schools may choose to honor students who maintain exceptional achievement by recognizing them as students who earn specific honor roll ranking for a number of grading periods. For instance, students who have achieved High Honor Roll for all 4 grading periods may be acknowledged for that achievement, those achieving High Honor Roll for 3 grading periods may be acknowledged for that achievement, etc.

Secondary students shall be included on honor rolls by averaging their numerical grades according to the weighted grade scale reflected in Board policy EIC (LOCAL). Also, any courses that have been identified as excluded from averaging for the high school class ranking shall also be excluded from the honor roll computations. Honor Roll includes all students who earned a combined average of at least 90 for all classes. High Honor Roll includes all students who earned a minimum average of 90 in each of their classes.

Individual schools have some flexibility in honor roll preparation and use. They may recognize either the High Honor Roll, Honor Roll, or both. However, schools are not to alter the criteria in any way.

High School Assessments

SAISD administers locally adopted assessments to all students to evaluate knowledge gained over a given period of time and to assess the effectiveness of the curriculum. These assessments are part of the district's Formative Assessment Initiative adopted during the 2015-2016 school year. Locally adopted assessments administered at high schools are as follows:

- **Secondary semester exams** are a cumulative assessment of TEKS-based instruction by semester administered to all high school students twice a year (Fall and Spring semester). The district will develop semester exams for the following courses: English I, English II, Algebra I, Biology, and US History. Teachers will develop semester exams for all other subjects and administer these exams during the same testing windows. Semester exams are 1½ -2 hours in duration.
- **End-of-Course simulation exams** are formative assessments on TEKS based instruction and measures students' STAAR/EOC readiness. Simulation exams are developed by the district and administered in the following courses: English I, English II, Algebra I, Biology, and US History. Students will have a total of 5 hours to take the English I and English II exams and 4 hours for the Algebra I, Biology, and US History exam.

State Assessment Requirements

The State of Texas Assessments of Academic Readiness (STAAR) replaced the Texas Assessment of Knowledge and Skills (TAKS) at the onset of the 2011-2012 school year. As a result, all students who entered high school at the ninth-grade in 2011-2012 and beyond now fall under the STAAR testing system and graduation requirements. Current high school students who entered the ninth-grade prior to the 2011-2012 school year will remain under the TAKS system and their corresponding graduation requirements.

STAAR end-of-course exams are state mandated tests administered during the final weeks of a course. In addition to meeting graduation course requirements, students are required to pass five end-of-course exams to earn a diploma from a Texas public high school. The five end-of-course (EOC) exams required for graduation are as follows:

- English I
- English II
- Algebra I
- Biology
- U.S. History

There are three testing windows during the year in which a student may take an EOC assessment, which will occur during the fall, spring, and summer months. If a student does not meet satisfactory performance, the student will have additional opportunities to retake the assessment during the state designated testing windows.

STAAR Alternate, for students receiving special education services who meet certain criteria established by the state, will be available for eligible students, as determined by the student's ARD committee. A student's ARD committee will determine whether successful performance on the assessments will be required for graduation within the parameters identified in state rules and the student's personal graduation plan. STAAR-L, which is a linguistically accommodated assessment, will be available for students who have been determined to be limited English proficient (LEP) and who require this type of testing accommodation.

Credit by Examination (CBE) Testing Process

The credit by examination provides a way for students to receive credit in a course without taking the course (CBE, no prior instruction) or to recover credit for a course that they did not pass (PACE). The cost of the CBE is covered by the district; the cost for PACE is paid for by the student or parent. Other eligibility requirements may exist. Contact your counselor for more information.

CBE Process (Student HAS Taken the Course)

A student who has previously taken a course or subject but did not receive credit or a final grade may request permission to earn credit by passing an exam. The exam is purchased by the parent from Texas Tech University or The University of Texas for that course or subject. For example, prior instruction may include incomplete coursework due to a failed course or excessive absences, homeschooling, or coursework by a student transferring from a non-accredited school. The opportunity to take an examination to earn credit for a course

or to be awarded a final grade in a subject after the student has had prior instruction is sometimes referred to as “credit recovery.” The counselor or principal would determine if the student could take an exam for this purpose. If approval is granted, the student must score at least 70 on the exam to receive credit for the course or subject.

The Attendance Review Committee may also offer a student with excessive absences an opportunity to earn credit for a course by passing an exam. [For additional information, see the counselor and policy EHDB (LOCAL).]

CBE Process (Student HAS NOT Taken the Course)

A student will be permitted to take an exam for advancement or promotion to the next level in an academic course or subject area for which the student has had no prior instruction. The exams offered by the district are approved by the district’s Board of Trustees, and state law requires the use of certain exams, such as examinations developed by Texas Tech University or the University of Texas at Austin. Other tests may be available, when applicable. The dates on which exams are scheduled during the 2016-2017 school year will be published in appropriate district publications and on the district’s website. The only exceptions to the published dates will be for any exams administered by another entity besides the district. In this case, a student and the district must comply with the testing schedule of the other entity. During each testing window provided by the district, a student may attempt a specific exam only once.

A student in grade 9 or above will earn course credit with a passing score of at least 80 on the exam, a scaled score of 50 or higher on an exam administered through the CLEP, or a score of 3 or higher on an AP exam, as applicable. A student may take an exam to earn high school course credit no more than twice. If a student fails to achieve the designated score on the applicable exam before the beginning of the school year in which the student would need to enroll in the course according to the school’s high school course sequence, the student must complete the course. A student in the 1st to 7th grade will be eligible to accelerate to the next grade level if the student scores at least 80 on each exam in language arts, mathematics, science, and social studies or a district administrator recommends that the student be accelerated, and the student’s parent gives written approval of the grade advancement.

If a student plans to take an exam, the student (or parent) must register with the school counselor no later than the established district deadline prior to the scheduled testing date. [For further information, see the counselor, administrative procedure E10 and policy EHDC.]

TSI (Texas Success Initiative) Assessment

Prior to enrollment in a Texas public college or university, most students must take a standardized test called the Texas Success Initiative (TSI) assessment. The purpose is to assess reading, mathematics, and writing skills that entering freshmen should have if they are to perform effectively in undergraduate certificate or degree programs in Texas public colleges and universities. This assessment may also be required before a student enrolls in a dual-credit course offered through the district. Achieving identified, college readiness benchmarks scores may waive certain end-of-course assessment requirements in limited circumstances.

TSI Assessment Frequently Asked Questions

Why do students have to take the Texas Success Initiative (TSI) assessment?

It is state law. The Texas Success Initiative is a provision in Senate Bill 286. The TSI requires institutions of higher education to assess the academic skills of each entering undergraduate student to determine the student’s readiness in freshman-level academic coursework. The law requires that students be assessed in mathematics, reading, and writing.

When must students take one of the TSI assessments if not exempt?

Before registering for college level courses to include certain high school Dual Credit courses. See your counselor for more information on requirements.

Who is exempt?

Students shall be exempt from the requirements of the TSI who meet or exceed the following criteria: (note: some of the exemptions are full and others are partial exemptions only):

- ACT: Composite score of 23 with a minimum of 19 on both the English and Mathematics tests. If a student has a combined score of 23 with a minimum of 19 in only one and not both content areas, the student will be exempt in only one area and will be required to take a TSI exam in the other area. (ACT score exemptions are valid for 5 years from the date of test.) Note that the English test covers reading and writing and the Mathematics test covers mathematics.

- SAT: Combined Critical Reading and Mathematics score of 1070 with a minimum score of 500 on Critical Reading and/or Mathematics tests. If a student has a combined score of 1070 with a minimum of 500 in only one and not both content areas, the student will be exempt in only one area and will be required to take a TSI exam in the other area. (SAT score exemptions are valid for 5 years from the date of the test.) Note that the Critical Reading content covers the TSI areas of Reading and Writing and the Mathematics content covers the TSI area of Mathematics.
- STAAR EOC: A minimum score of 4000 on the Algebra II EOC for an exemption in math and/or a minimum score of 2000 on the English III EOC for an exemption on reading and writing. Students who do not meet the exemption criteria in all areas will need to take a TSI approved exam in the areas they did not meet the exemption criteria. Students must attend college within five (5) years from the date of their STAAR End-of-Course (EOC) test in order to use the scores for an exemption.
- A student who is non-degree seeking.

How do you register for a TSI assessment?

- See your school counselor for details on how to register for the TSI. You will have to complete all four pre-assessment activity modules prior to being able to access the assessment.

What are passing scores for the TSI assessment?

The Texas Coordinating Board has established college readiness cut scores for freshman entering higher education. Students that fail to make standards are required to take the diagnostic assessment(s) and then retest.

Year (of first college course)	Math	Reading	Writing
Fall 2016	350	351	350 w/essay of 5 363 w/essay of 4
Fall 2017 & 2018	356	355	
Fall 2019	369	359	

More information can be found at: [TSI Assessment Brochure](#)

What if a student does not pass the TSI assessment?

If you do not pass one of the sections of the TSI exam, you must be enrolled in either credit-based or non-credit based developmental classes in at least one of the subject areas you did not pass. Students placed into developmental courses may not drop the course during the semester. A student with a TSI deficiency will be declared college ready after passing the highest level of developmental education in each area of deficiency.

Advanced Placement (AP) Exam

Advanced Placement examinations are college-level tests administered in May for students participating in Advanced Placement (AP) courses. Tests are the culmination of a year-long AP course and are structured to measure depth of knowledge, completeness of thought and synthesis of ideas. More than 90 percent of four-year colleges in the United States award credits, advanced placement, or both based on AP exam scores. Exams are graded on a five-point scale with college credit usually given for scores of 3 or higher. The score requirement, number of college credit or placement credit hours, and placement varies among universities and colleges. Students receive the results of their AP exam(s) in July.

American College Testing Assessment Test (ACT)

The ACT is a nationally administered, standardized paper-and-pencil test that helps colleges evaluate candidates. There are four sections: English, math, reading and science. Students receive a score for each section on a scale between 1-36 points. They also receive a composite score which is the average of the four scores. The national average is about 21. Generally, high school students take the ACT for the first time in the spring of their junior year. This allows students to reserve the summer months for college applications or enough time to re-take the test during the fall of their senior year if they are not satisfied with the score. See your school counselor for more information including test dates and registration deadlines.

Preliminary Scholastic Achievement Test (PSAT)/ National Merit Scholarship Qualifying Test (NMSQT)

The PSAT/NMSQT (National Merit Scholarship Qualifying Test) is a standardized test administered to 10th and 11th grade students. Considered to be a “preliminary SAT,” the PSAT test gives students a sense of the format, question types, content, and time limits they will encounter on the SAT. Additionally, the PSAT serves as a qualifying test for the National Merit Scholarship Program. Juniors achieving high scores on this test qualify for recognition as a National Merit Scholar, a Commended Scholar, a National Hispanic Scholar or a National Achievement Scholar for outstanding African-American students. The PSAT/NMSQT is only administered in the fall. A math score of 47 on the PSAT may substitute for the End-of-Course STAAR assessment.

As of Fall of 2015, students will be tested using the new, redesigned PSAT. The new test format continues to test reasoning skills, but places a clearer, stronger focus on the knowledge, skills, and understandings most important for success after high school. The new format places greater emphasis on a student’s ability to determine the meaning of words in extended contexts and how word choice shapes meaning, tone, and impact. The test has three sections: Reading, Writing, and Math. Total testing time is 2 hours and 45 minutes.

Scholastic Achievement Test (SAT)

The SAT is a globally recognized college admission test that lets you show colleges what you know and how well you can apply that knowledge. In March 2016, the format of the SAT was redesigned to focus more on content-based skills and knowledge. It measures skills learned in high school and skills needed to succeed in college; the two main sections are **math** and **evidence-based reading & writing**. Major changes to content include an increased focus on higher level math, inclusion of a no-calculator math section, focus on evidence-based reading, all passage-based writing questions, and an optional essay section. Most students take the SAT during their junior or senior year of high school, and almost all colleges and universities use the SAT to make admission decisions. The SAT is given numerous times each year. When a student takes the SAT more than once, most schools will consider the highest score. The College Board is continuously updating their website with information on the new SAT. We encourage you to visit their website for additional updates (see appendix H). See your counselor for test and registration dates. Total testing time is 3 hours and 45 minutes.

Instructional Programs

All courses offered in SAISD are based on the District’s Curriculum Frameworks which are aligned to the Texas Essential Knowledge and Skills.

English Language Arts and Reading uses a balanced literacy framework outlining instructional components, specified instructional strategies, a variety of required reading materials, and an assessment system. Writing instruction is provided daily with instructional expectations for modeled, guided, and independent writing.

Mathematics engages students in problem-solving, making connections, reasoning, and communicating so that all students learn and understand important mathematical concepts and processes. Mathematics instruction at all levels includes the use of manipulatives and technology for problem solving.

Science focuses on inquiry-based instruction and hands-on investigations. Science is taught through classroom and field investigations following safety procedures. Students use scientific tools to develop critical thinking and scientific problem-solving skills.

Social Studies builds a foundation in history, geography, economics, government, citizenship, culture, science, technology, and society.

Physical Education instruction focuses on the components of wellness which include fitness, stress management, self-esteem, nutrition, social health, and environment.

English for Speakers of Other Languages (ESOL) classes are available to recent immigrant students identified as Limited English Proficient (LEP) through an oral language proficiency test and academic test scores.

Languages Other Than English (LOTE) instructional emphasis is placed on the development of communication skills in a language other than English along with an understanding and appreciation of the culture. Upper level placement tests are available for students proficient in a foreign language.

Fine Arts instruction emphasizes student performance and participation in all four fine arts disciplines: art, music, theatre, and dance.

Advanced Academic Courses and Programs

Gifted/Talented (GT)

The GT program serves identified students who perform or show the potential for performing at remarkably high levels of accomplishment. Students may be nominated for screening by parents, teachers, counselors and other interested persons. Screening takes place over several months and is based on Board approved procedures and criteria. Students who qualify for the district gifted/talented education program may, depending on their strengths, needs, and interests, participate in a variety of course offerings in the four core academic areas. Parents or students who wish to learn more about this program may contact the campus GT Coordinator or counselor.

Pre-Advanced Placement, Advanced Placement (Pre-AP, AP)

San Antonio Independent School District is a member of the College Board. SAISD participates in PSAT and SAT College Board testing, Spring Board, Pre-AP English curriculum, Pre-AP and AP teacher professional development and the Advanced Placement (AP) Program. AP Courses are college level courses taken as a part of a high school program. These classes offer advanced students the opportunity to take courses with more challenging college-level content. Students who complete AP courses are eligible to take the AP exams administered each May by the College Board. AP exams are scored on a scale of 1–5. Students scoring between a 3 and 5 may qualify for college credit at most colleges and universities. The goal of the Pre AP/AP program is to challenge and stimulate students to the highest level of their abilities. Placement is based on past performance, prerequisite courses, and parent approval. Students enrolled in AP courses are required to take AP exams developed by the College Board in May.

Advanced Placement Courses Now Available

SAISD now offers Advanced Placement courses in 14 subjects, including English, History, Economics, Mathematics, Science, Art and Foreign Language.

Advanced Placement Teachers

Advanced Placement students learn from some of the most skilled, dedicated, and inspiring teachers. SAISD AP teachers attend professional development from the College Board. In addition, AP teachers are required to complete a course syllabus that is approved by the College Board.

Why should students take Pre-AP and AP courses?

There are many reasons to take AP courses, including a desire to

- Demonstrate to college admissions officers your ability to excel in college level coursework.
- Emphasize your commitment to academic excellence.
- Emphasize your commitment to academic pursuits.
- Prepare for AP exams and the possibility of receiving college credit at schools nation-wide.
- Earn college credit without paying college tuition.
- Get a head start on college-level work.
- Improve your writing skills and sharpen your problem-solving techniques.
- Develop the study habits necessary for tackling rigorous course work.
- Be part of a community of students and educators who are passionate, curious, and committed to academic excellence.
- Engage in intense discussions, solve problems collaboratively, and learn to write clearly and persuasively.
- Enroll in courses developed by leading professors to reflect the level of learning happening at colleges throughout the country.

Dual Credit (DC)

Dual Credit is an articulated program for high school students to earn college credit while enrolled in high school. This program is a partnership between SAISD and a designated two-year or four-year college. Dual credit courses adhere to college-level standards. Tuition and fees are waived. Requirements include qualifying scores on the SAT, ACT and TSI. See your counselor for more campus DC opportunities. The following college/ university partners offer dual credit programs:

- San Antonio College
- Palo Alto College
- St. Philip's College
- Northwest Vista College
- University of Texas at San Antonio
- University of Texas

Career and Technical Education (CTE) Programs

Career and Technical Education programs may include dual credit, state articulated credit, and additional innovative programs. Opportunities are provided that connect skills taught in the classroom with skills required for the workforce.

Activities or resources may include career fairs, classroom presentations, field trips, library resources, career literature, youth leadership, business/industry tours, and appropriate shadowing and internship experiences.

The San Antonio Independent School District offers Career and Technical Education programs in the following areas:

- | | |
|---|--|
| ▪ Agriculture, Food & Natural Resources | ▪ Hospitality & Tourism |
| ▪ Architecture & Construction | ▪ Human Services |
| ▪ Arts, A/V Technology & Communications | ▪ Information Technology |
| ▪ Business, Management & Administration | ▪ Law, Public Safety, Corrections & Security |
| ▪ Education & Training | ▪ Manufacturing |
| ▪ Finance | ▪ Marketing, Sales & Service |
| ▪ Government & Public Administration | ▪ Science, Technology, Engineering & Mathematics |
| ▪ Health Science | ▪ Transportation, Distribution & Logistics |

Admission to these programs is based solely on the individual student's career interests and availability. In order for the student to enroll, they must inform his/her counselor of interest. If the program the student chooses fits into his/her schedule, the student will be enrolled in the program. Enrolled SAISD students are allowed to attend a Career and Technical Education program taught at another campus provided the program fits within the student's class schedule. Students taking Career and Technical Education courses may be eligible, based on demonstrated need, to receive a subsidy for examinations that lead to certification or licensure in a particular trade or occupation.. The student must successfully complete the career and technical course sequence and pass an industry certification exam.

It is the policy of the SAISD not to discriminate on the basis of race, color, national origin, gender, or handicap in its Career and Technical Education programs, services, or activities as required by Title VI of the Civil Rights Act of 1964, as amended; Title IX of the Education Amendments of 1972; and Section 504 of the Rehabilitation Act of 1973, as amended. For more information, contact the Career and Technical Education Department at (210) 554-2610.

Career Institutes (formally Magnet Programs) and Special Schools

Magnet programs have been revamped to focus on in-demand careers. Courses are aligned with Alamo Colleges' course offerings and provide students the opportunity to earn up to 45 hours of college credits^a by graduation – the equivalent of 1½ years of college credit. Career Institutes will be available to students entering the 9th grade in 2016-17. Current magnet students will not be impacted by the changes. SAISD offers 9 high school Career Institutes at high schools. All Institute students are required to participate in UIL, student leadership and service projects while in high school.

Engineering Institutes



Highlands High School (Engineering, Networking & Computer Science)

[Highlands HS Engineering Institute Brochure](#)

The Engineering Career Institute at **Highlands High School** offers an advanced and rigorous curriculum in all core subjects with a focus on career opportunities in one of three different strands or “majors” to choose from: **Engineering**, **Networking** and **Computer Science**, all under the STEM endorsement. An endorsement is a targeted area of interest, and there are five different areas set by the state.

All majors offer students a number of Advanced Placement and Dual-Credit courses. Career courses closely align to the related programs at St. Philip’s College. Advanced Placement courses are available to prepare students for rigorous college coursework along Dual-Credit courses.



Sam Houston High School (Engineering & Computer Science)

[Sam Houston HS Engineering Institute Brochure](#)

The Engineering Career Institute at **Sam Houston High School** offers incoming freshmen an advanced and rigorous curriculum in all core subjects, with a focus on career opportunities in one of two different strands, or “majors,” to choose from: **Engineering Design** and **Computer Science** ([Project Lead the Way](#)). Each leads to a STEM endorsement, which is one of five targeted areas of interest set by the state.

All majors offer students a number of Advanced Placement and Dual-Credit courses. Career courses closely align to the related programs at St. Philip’s College. Advanced Placement courses are available to prepare students for rigorous college coursework along with Dual-Credit courses.



Lanier High School (Engineering, Architecture, Construction Technology & Automotive Technology)

[Lanier HS Engineering Institute Brochure](#)

The Engineering Career Institute at Lanier High School offers an advanced and rigorous curriculum in all core subjects with a focus on career opportunities in one of four different strands or “majors” to choose from: **Architecture**, **Construction**, **Automotive Technology** (under the Business & Industry endorsement), and **Engineering** (under the STEM endorsement). An endorsement is a targeted area of interest, and there are five different areas set by the state.

All majors offer students a number of Advanced Placement and Dual-Credit courses. Career courses closely align to the related programs at St. Philip’s College. Advanced Placement courses are available to prepare students for rigorous college coursework along with Dual-Credit courses.

Health Institutes



Edison High School



Fox Tech High School

[Edison and Fox Tech HS Health Institute Brochure](#)

The Health Professions Institutes at **Edison and Fox Tech High Schools** offer an advanced and rigorous curriculum in all core subjects with a focus on career opportunities in the health industry. Depending on the courses taken, students can earn

an endorsement in either **Public Service** or in **STEM** (science, technology, engineering and math). An endorsement is a targeted area of interest, and there are five different areas set by the state.

As juniors, students select from the following pathways and complete a related practicum: dental assisting, pharmacy technician, certified nursing assistant, phlebotomy, or EMT-Basic. Students pursuing a Public Service endorsement select a pathway prior to clinical rotations in year three.

International Baccalaureate Institutes



Burbank High School



Jefferson High School (Applying for candidacy as an IB World School in 2016)

[Burbank and Jefferson HS IB Institute Brochure](#)

The International Baccalaureate Diploma Programme at **Burbank High School** is a comprehensive and challenging pre-university program widely recognized around the world for high academic standards and preparation for higher education. **Jefferson High School** is currently accepting applications for students interested in the IB World School for the 2016 – 2017 school year and is applying to become a candidate for IB World School.

Research suggests IB students are more likely than their peers to complete their undergraduate degrees and pursue graduate work. They are also more likely to be engaged in various aspects of university life. The Diploma Programme prepares students for effective participation in a rapidly evolving and increasingly global society as they:

- Acquire breadth and depth of knowledge and understanding by studying courses from six subject groups; study at least two languages and increase understanding of cultures, including their own;
- Make connections across traditional academic disciplines and explore the nature of knowledge through the programme's unique theory of knowledge course;
- Complete an extended essay that engages them in independent research through an in-depth study of a question related to one of the subjects they are studying; and
- Enhance their personal and interpersonal development through a range of activities that promote creativity, action and service (CAS).

In their freshmen and sophomore years, students take a mix of IB-prep and Advanced Placement courses, moving on to IB courses their last two years of high school. At the end of the programme, students take written examinations for which they may earn college credit, depending upon their scores. Learn more about the IB program at [IB Programmes](#).

Law Professions Institute



Fox Tech High School

[Fox Tech HS Law Professions Institute Brochure](#)

The Law Professions Institute at **Fox Tech High School** offers an advanced and rigorous curriculum in all core subjects with a focus on courses that build students' strengths in areas critical to the field of law, including research, investigation, analysis and communication. This Institute leads to an endorsement in Public Service. An endorsement is a targeted area of interest, and there are five different areas set by the state.

Students are offered a number of Advanced Placement and Dual-Credit courses, with career courses closely aligned to the related programs at San Antonio College. Advanced Placement courses are available to prepare students for rigorous college coursework along with Dual-Credit courses.

Media and Film Institute



Brackenridge High School

[Brackenridge HS Media and Film Institute Brochure](#)

The Media & Film Institute at **Brackenridge High School** offers an advanced and rigorous curriculum in all core subjects with a focus on career opportunities in one of four different strands or “majors” to choose from: **Media Production, Broadcast, Animation/Game Design** and **Graphic Design**, all under the Business and Industry endorsement. An endorsement is a targeted area of interest, and there are five different areas set by the state.

All majors offer students a number of Advanced Placement and Dual-Credit courses. Career courses closely align to the related programs at St. Philip's College. Advanced Placement courses are available to prepare students for rigorous college coursework along with Dual-Credit courses.

Enrollment

All students should submit completed applications to the Department of Charter, Magnet and Summer Schools in the Burnet Center at 406 Barrera, San Antonio, TX 78210. Applications from out-of-district students will be accepted for all programs as long as space is available. Applications from currently enrolled SAISD students will only be considered for programs at their home schools.

Specialized High Schools

SAISD has Specialized Schools, across grade levels, with diverse areas of focus and innovative methods of instruction. With a few exceptions, our Specialized Schools are those where all students at the school, not just a group of students, are a part of the program and receive specialized instruction. Our In-District charter schools are considered Specialized Schools, among them are early college high schools and single-gender academies. Some of these schools operate under non-traditional grade configurations, such as PK-8, 4-8 and 6-12.



Brackenridge Early College High School (In-District Charter)

[Brackenridge HS School Website](#)

This early college high school, located on the campus of Brackenridge High School, offers a personalized learning environment where students complete their high school diploma while earning up to 60 hours of college credit and/or an Associate Degree at no cost to the student or family. Upon graduation, students make a seamless transition from high school to a 4-year college or university. Students living within the Brackenridge High School attendance zone or outside of SAISD boundaries are eligible to apply.



St. Philip's Early College High School with SAISD (In-District Charter)

[St. Philip's ECHS School Website](#)

This early college high school, located on the campus of St. Philip's College, offers a personalized learning environment where students complete their high school diploma while earning up to 60 hours of college credit and/or an Associate Degree at no cost to the student or family. Students also have the opportunity to obtain industry certification in Information Technology or Automotive Technology. Upon graduation, students make a seamless transition from high school to a 4-year college or university or the workforce. Students from across Bexar County and surrounding areas may apply.



Travis Early College High School (In-District Charter)

[Travis ECHS School Website](#)

This early college high school offers a personalized learning environment where students complete their high school diploma while earning up to 60 hours of college credit and/or an Associate Degree at no cost to the student or family. Students take their high school courses at Travis and walk across the street to San Antonio College for their higher-education courses. Upon graduation, students will make a seamless transition from high school to a 4-year college or university. Students from across Bexar County and surrounding areas may apply.



Fox Tech High School (Institute)

[Fox Tech HS School Website](#)

This stand-alone magnet school is a non-traditional high school dedicated to developing future health and law professionals. The magnets deliver a college-preparatory curriculum for students interested in pursuing pre-med or pre-law degrees and provide a solid academic foundation for any eligible college-bound student. Located in the heart of downtown, students can draw on a host of legal and medical professionals in close proximity to the school to experience specialized learning programs and career opportunities within their field of interest. Students from across Bexar County and surrounding areas may apply.



Phoenix Middle College (11-12)

[Phoenix Middle College Website](#)

Juniors and seniors in this program take high school and college courses at Alamo Colleges' St. Philip's College Southwest Campus, where they spend the full school day. This program gives high school students with an interest in pursuing a technical degree the opportunity to attend St. Philip's College-Southwest Campus full-time while completing their high school requirements and earning college credits. While in the program, students create and build real-world, hands-on projects; explore technical career opportunities; participate in on-the-job training, earn college credit at no cost and industry certificates. Industrial technology programs include:

AC/Heating	Mechanics
Hospitality Programs	Construction Trades
Aerospace Engineering	Metal Trades
Hotel/Restaurant Management	Culinary Arts
Auto Collision Repair	Plumbing
Information Technology Systems	Electrical
Carpentry	Robotics
Machinist	Heavy Equipment Operator
Commercial Transportation	Travel/Tourism
Manufacturing	Home Building
Computer-aided Drafting	Welding

Students must provide their own transportation to and from St. Philip's College Southwest Campus but will be provided a free VIA bus pass. Phoenix students are eligible to ride the District Magnet School Bus to Phoenix, but the bus does not run in the afternoon. Information regarding the bus schedule can be found at [Institute Bus Schedule](#).



This 2015 National Blue Ribbon School and consistently high-performing campus is a collaborative effort between SAISD and the Foundation for the Education of Young Women. It is San Antonio's first all-girls public school, with a focus on math, science and technology, along with college preparation, leadership and women's health. It serves young women in grades 6-12. Students from across Bexar County and surrounding areas may apply.

Other Special Programs

Alamo Academies



The Alamo Academies is a national award winning, innovative, STEM-based instructional model operated by the Alamo Area Academies Inc., a non-profit organization in partnership with the Alamo Colleges, San Antonio area high schools, industry and the cities of San Antonio, New Braunfels and Seguin, providing America's youth with tuition-free career pathways into critical demand technical STEM occupations. The program utilizes contextualized industry-driven curricula resulting in 94% of graduates entering higher education or high-wage careers in Aerospace, Manufacturing, Information Technology, Health and Heavy Equipment.

The Alamo Academies Model was developed in San Antonio as one of the first communities in the country to address the "skills-gap" issue through a partnership among the Alamo Colleges, industry and public schools by founding the Alamo Academies – a highly successful "Higher Education Career Academies" model recognized and commended by the U.S. Department of Labor, Manufacturing Skill Standards Council (MSSC), Texas Higher Education Coordinating Board (THECB), Texas Governor's Office, the Manufacturing Institute (MI) and the Federal Reserve Bank of Dallas. The National Journal cited the Alamo Academies as one of the top workforce innovations in the country. The Academies address the region's lack of a high-tech, high-skilled labor force by developing a pipeline of skilled technicians to staff new jobs and replace an aging workforce in Aerospace, Information Technology (IT), Advanced Manufacturing, and Health Career sectors. The Academies provide a college pathway for high school juniors and seniors to attain industry and academic certificates that lead to high-wage jobs or to further higher education while addressing critical workforce industry needs. Joe Wilson, Lockheed Martin, stated that, "We were trying to develop a strategy to replace a retiring workforce. We wanted to make sure we transferred the knowledge and experience employees had before they retired. So back in 1999, we partnered with the Alamo Colleges to develop a pipeline of young workers prepared to take jobs in our industry. The rest is history."

Cooper Academy

Cooper Academy is a program designed for students at risk of not completing their high school diploma. These students desire to return to school to complete state requirements for their high school diploma. Cooper Academy's motto is "My past is not my future." All students receive individual counseling in order to implement a workable plan to earn credits for graduation, while incorporating a flexible or modified daily schedule. Students receive intense college and workforce modules enabling them to pursue higher education and employment opportunities after graduation.

Navarro Academy

Navarro Academy serves grades 9-12 and targets students at-risk of dropping out of school. It is a non-traditional high school that provides students with an individualized learning environment designed to support students as they complete requirements to earn their high school diploma. Students receive academic support through flexible scheduling of their school day. Course completion is "accelerated" and aligned to the required STAAR EOC exams and state graduation requirements.

Distance Learning

Distance learning and correspondence courses include the state-required essential knowledge and skills but are taught through multiple technologies and alternative methodologies such as satellite, Internet, video-conferencing, and instructional television.

^f for incoming 9th graders, as space available

The Texas Virtual School Network (TxVSN) has been established by the state as one method of distance learning. A student has the option, with certain limitations, to enroll in a course offered through the TxVSN to earn course credit for graduation. Depending on the course in which a student enrolls, the course may be subject to the “no pass, no play” rules. In addition, for a student who enrolls in a TxVSN course for which an end-of-course (EOC) assessment is required, the student must still take the corresponding EOC assessment and the implications of these assessments on graduation apply to the same extent as they apply to traditional classroom instruction. If you have questions about a TxVSN course, please contact your school counselor. Unless an exception is made by the district, a student will not be allowed to enroll in a TxVSN course if the school offers the same or a similar course. A copy of policy EHDE will be distributed to parents of middle and high school students annually. If you do not receive a copy or have questions about this policy, please contact your school counselor.

If a student wishes to enroll in a correspondence course or a distance learning course that is not provided through the TxVSN in order to earn credit in a course or subject, the student must receive permission from the principal prior to enrolling in the course or subject. If the student does not receive prior approval, the district may not recognize and apply the course or subject toward graduation requirements or subject mastery.

Student Support Services

The Student Support Services Department oversees programs that support students' academic success. Such support includes credit retrieval, accountability of compensatory education, course scheduling, college readiness, guidance and counseling for students, comprehensive support for school-age pregnant and parenting teens, student uniform assistance and ensuring access to critical community resources for all students, including those without a permanent address or in foster care settings.

Guidance and Counseling

The mission of the SAISD Guidance and Counseling Program is to implement a comprehensive developed guidance and counseling program that maximizes the academic, career, and personal/social needs of all students to ensure graduation from high school, success in post-secondary education, and is prepared to be a contributing member of the community. In collaboration with teachers, administrators, and parents, the program's goals are to maximize benefits for student success. A parent wanting more specific information on the Guidance and Counseling Program should contact a school counselor or the District Guidance and Counseling Department at (210) 554-2575.

Academic Counseling

Students and their parents are encouraged to talk with a school counselor, teacher, or principal to learn more about course offerings, graduation requirements and the importance of postsecondary education. The school counselor can also provide information about entrance exams and application deadlines, as well as information about college and university automatic admission, financial aid, housing, and scholarships. The school counselor can also provide information about workforce opportunities after graduation or technical and trade school opportunities, including opportunities to earn industry-recognized certificates and licenses. In either grade 7 or 8, each student received instruction about how to prepare for high school, college, and a career.

Personal Counseling

The school counselor or a school social worker is available to assist students with a wide range of personal concerns, including such areas as social, family, emotional or mental health issues, or substance abuse. As a parent, if you are concerned about your child's mental or emotional health, please speak with the school counselor or a school social worker for support services and resources.

Substance Abuse Prevention and Intervention

If you are worried that your child is using, experimenting, or abusing illegal drugs or other prohibited substances, please contact the school counselor or a school social worker. The school counselor or a school social worker can provide a list of community resources that may

be helpful. The Texas Department of State Health Services (TDSHS) maintains information regarding children's mental health and substance abuse intervention services on its web site: [TDSHS Mental Health/Substance Abuse](#).

Suicide Awareness

The district is committed to partnering with parents to support the healthy mental, emotional, and behavioral development of our students. If you are concerned about your child, please access [Texas Suicide Prevention](#) or contact a school counselor or social worker for more information related to suicide prevention services available.

Services for Students with Special Needs

Special Education

The Special Education program provides comprehensive services for students between the ages of 3-21 who are identified as having a special need. Consideration of a student's need for special education is initiated by the parents, physician, community agency, and /or school personnel.

It is a requirement that students with disabilities receive 1) access to the general education curriculum, 2) be involved in the general education curriculum, and 3) make progress in the general education curriculum. Being involved in the general education curriculum, teachers will follow students' IEPs using supplementary aids and services, accommodations, modifications and supports through co-teachers, classroom support, and using differentiated instruction, etc.

Decisions as to which supplementary aids and services, accommodations, modifications or supports are appropriate for a particular student are to be made on an individualized basis by the IEP team. It is important that these decisions do not substantially lower curriculum standards and thus deny the student access to the general curriculum. For questions concerning special education, please contact the Department of Special Education, 1702 North Alamo Street, San Antonio, TX 78215, (210) 225-2406.

Other Learning Disabilities/Section 504/Dyslexia

Students who have a physical or mental disability which substantially limits one or more major life activities (including learning) and which requires some accommodations but is not severe enough to require Special Education services may be eligible under Section 504 of the Rehabilitation Act of 1973. Section 504 is a federal law designed to prohibit discrimination against individuals with disabilities. Examples of potential 504 handicapping conditions include dyslexia, some communicable diseases (HIV, tuberculosis), attention deficit disorder, and other medical conditions. Section 504 is a regular education service. When an evaluation is requested, a committee will be formed to determine if the child is in need of services and supports under Section 504 to receive a free appropriate public education (FAPE), as this is defined in federal law. District efforts to comply with Title II of the Americans with Disabilities Act of 1990 (ADA) and with Section 504 of the Rehabilitation Act.

English as a Second Language (ESL)

ESL is intensive English language instruction by teachers trained in effective second language acquisition strategies who work with English Language Learners. ESL instruction shall be commensurate with the student's level of English proficiency that provides intensive instruction to develop competency in the listening, speaking, reading, and writing of the English language. Students in high school who speak or hear a language other than English in their home and who are learning English are eligible for the program.

Advancement Via Individual Determination (AVID)

AVID is a nationally recognized secondary school program that prepares students least served in the academic middle for four-year college eligibility. AVID's mission is to ensure that all students, especially those in the middle are capable of completing a college preparatory path will help them to:

- Succeed in the most rigorous curriculum;
- Enter mainstream activities of the school;
- increase their enrollment in four-year colleges; and
- Become educated and responsible participants and leaders in a democratic society.

Education Initiatives

The Education Initiatives department oversees a range of programs designed to keep students in school, graduate on time, help adults advance in their education and provide a safe, engaging and educational environment for SAISD students in the hours after school. High school programs include: individual attendance plans, afterschool programs, summer parks and recreation, adult & community education, GED testing, graduations, hearing office, and satellite campuses.

Attendance Accountability

The Office of Attendance Accountability develops positive student attendance habits by working with students and their parents with programs that support and promote regular school attendance and that seek to inform parents about the importance of ensuring their children are in school every day.

Compulsory Attendance Law

Texas school law requires that school-aged children attend each school day for the entire period the program of instruction is provided. Absences may be excused for personal illness, medical appointments, family funerals, religious holidays, and court appearances when a parent provides a medical excuse or other documentation.

If a student without an excuse is absent three or more days or parts of days in a four-week period or 10 or more days or parts of days in a six month period, the parent(s) and/or student may be subject to legal action, with possible fines. San Antonio Independent School District has adopted numerous truancy prevention/intervention measures to meaningfully address student conduct related to truancy. During collaboration with the student and parent/guardian, the campus administrator will initiate an Individual Attendance Plan (IAP).

The Individual Attendance Plan is a truancy prevention measure school districts are required to adopt (TEC §25.0915). The intent of the IAP is to provide the school and parents/students the opportunity to meet face to face. During this meeting, the causal factors related to truancy are identified, discussed and documented on the IAP. An agreed intervention plan with time frames is developed by the school and family with the intent of improving student attendance.

Adult and Community Education

The Adult and Community Education program embraces success for adult learners, helping them on a path toward continued improvement and growth. The program's mission is to ensure that all adults who live in Texas have the skills necessary to function effectively in their personal and family lives, in the workplace and in the community. The following classes are offered to the community free of charge: ASE/GED® preparation, ABE/ASE/GED® for TANF recipients, Adult Basic Education (math, reading and writing), English as a Second Language (ESL), English Literacy Civics (EL Civics), and Distance Learning (online classes).

Family and Student Support Services

The Family and Student Support Services program exists to provide child and family support in order to promote student potential and ability for academic and personal growth. School Social Workers work in partnership with children, families, schools and community members to remove barriers for families and improve student academic achievement.

SAISD employs social workers throughout various programs and schools that provide direct services to students and families on campuses and in the community. Social Workers provide social and emotional support services to enhance the academic growth of all students. They are a link between the home, the school, and the community. Social Workers work with all grade levels and receive referrals based on the student's home address or school of attendance.

The School-Age Parenting program aims to reduce school dropouts, increase high school graduation rates and enhance parenting skills for students who are pregnant and at risk of dropping out of school. In providing a case management model, the program provides support services that alleviate any barriers participants may face in achieving academic success.

Instructional Support

Credit Attainment

The SAISD Learning Lab offers students in 9th-12th grade the opportunity to earn course credit through an online curriculum for courses not previously attempted. It is intended to provide a vehicle to promote on time graduation for those students who have fallen behind in school. In addition, students who choose to graduate in three years and have met the three year graduation requirements are eligible for credit attainment. Students will have the opportunity to earn course credit with an alternative web based curriculum. These courses are facilitated by certified teachers and are generally taken during the instructional day as scheduled by the student's counselor. However, schools may opt to schedule students before or after school to meet the needs of those students who are unable to be scheduled in the lab during the instructional day.

Credit Retrieval

The SAISD Learning Lab is intended to provide a vehicle for high school students who have not been successful earning credits needed for graduation in a traditional classroom setting. Students who have lost course credit will have the opportunity to regain credit with an alternative web based curriculum. These courses are facilitated by certified teachers and are generally taken during the instructional day as scheduled by the student's counselor.

Accelerated Instruction

Accelerated instruction will be provided in the applicable subject area each time a student fails to perform satisfactorily on an end-of-course (EOC) assessment instrument (TEC §28.0217). Accelerated instruction may require participation of the student before or after normal school hours and may include participation at times of the year outside normal school operations. SAISD high schools are required to develop an accelerated instruction plan for the Fall and Spring semesters. Contact your assigned assistant principal for more information regarding the campus plan.

Summer School and Enrichment

SAISD offers a variety of summer school programs to include accelerated instruction, credit retrieval, credit attainment, and credit enrichment. You can find information pertaining to summer school programs at [SAISD Summer School](#).



Section II:

High School Graduation Requirements

SAISD

SAISD Disclaimer:

The contents of the High School Information Guide are relevant to SAISD Policy (LEGAL and LOCAL) and Administrative Procedures as of January 2016. For current information regarding district policy, please refer to the San Antonio Independent School District website at [SAISD Board Policy Manual](#) or visit with your school counselor.

Specific school-related questions should be directed to campus staff. When a parent or guardian has a question or concern, he or she should contact the person who made the initial decision. If the concern continues after the discussion, the principal should be contacted.

San Antonio Independent School District does not discriminate on the basis of race, religion, color national origin, sex, or disability in providing education services, activities, and programs, including vocational programs, in accordance with Title VI of the Civil Rights Act of 1964, as amended; Title IX of the Educational Amendments of 1972; section 504 of the Rehabilitation Act of 1973, as amended.

High School Graduation Requirements

High School Graduation

Diploma Requirements for a Student Enrolled in High School Prior to the 2014-15 School Year

To receive a high school diploma from the district, a student who was enrolled in high school prior to the 2014–15 school year must successfully:

- Complete the required number of credits established by the state and any additional credits required by the district;
- Complete any locally required courses in addition to the courses mandated by the state; and
- Earn passing scores on certain end-of-course (EOC) assessments or approved substitute assessments, unless specifically waived as permitted by state law.

Diploma Requirements Beginning with the 2014–15 School Year

Beginning with students who enter grade 9 in the 2014–15 school year, as well as any currently enrolled high school student who decides to graduate under the new foundation graduation program, a student must meet the following requirements to receive a high school diploma from the district:

- Complete the required number of credits established by the state and any additional credits required by the district;
- Complete any locally required courses in addition to the courses mandated by the state;
- Earn passing scores on certain end-of-course (EOC) assessments or approved substitute assessments, unless specifically waived as permitted by state law; and
- Complete the requirements for the Endorsement selected by the student.

Testing Requirements for Graduation

Students are required, with limited exceptions and regardless of graduation program, to perform satisfactorily on the following EOC assessments: English I, English II, Algebra I, Biology, and United States History. A student who has not earned sufficient scores on the EOC assessments to graduate will have opportunities to retake the assessments. State law and state rules also provide for certain scores on norm-referenced national standardized assessments or on the state-developed assessment used for entrance into Texas public universities to substitute for the requirement to meet satisfactory performance on an applicable EOC assessment should a student choose this option. See a school counselor for more information on the state testing requirements for graduation.

If a student fails to perform satisfactorily on an EOC assessment, the district will provide accelerated instruction to the student in the content area for which the performance standard was not met. This may require participation of the student before or after normal school hours or at times of the year outside normal school operations and the adopted school calendar.

In limited circumstances, a student who fails to demonstrate proficiency on two or fewer of the required assessments may still be eligible to graduate if an individual graduation committee, formed in accordance with state law, unanimously determines that the student is eligible to graduate.

Participation in graduation/commencement is an honorary privilege. In order for a student to be eligible for participation in graduation/commencement ceremonies, the student must have met all course requirements and pass state accountability tests, or be eligible to receive a certificate of attendance. Refer to the section on **High School Assessments** for more information.

Minimum, Recommended and Advanced/Distinguished Achievement Graduation Plans

For students who were enrolled in high school prior to the 2014–15 school year, the district offers the graduation programs listed in this section. Students enrolled in high school prior to the 2014–15 school year also have the option to pursue the foundation graduation program as described below. Note that permission to enroll in the Minimum Program as described in this section will be granted only if a written agreement is reached among the student, the student's parent or person standing in parental relation, and the school counselor or appropriate administrator. In order for a student to take courses under the Minimum Program, the student must be at least 16 years of age; have completed at least two credits each in English language arts, math, science, and social studies courses that are required for graduation; or have failed grade 9 one or more times.

All students who were enrolled in high school prior to the 2014–15 school year must meet the following credit and course requirements for graduation under the programs listed or may choose to pursue the foundation graduation program as described in the section titled Foundation Graduation Program.

Course Area	# of Credits Minimum Plan	# of Credits Recommended Plan	# of Credits Distinguished Plan
English Language Arts	4	4	4
Mathematics	3	4	4
Science	2 or 3	4	4
Social Studies (including Economics)	3 or 4	4	4
Academic Elective	1	None	None
Languages Other Than English (LOTE)	None	2 (Must consist of any two levels in same language)	3 (Must consist of any three levels in same language)
Physical Education ^g	1	1	1
Speech	0.5	0.5	0.5
Fine Arts	1	1	1
Health (locally required course)	0.5	0.5	0.5
Electives ^h	6.5	5.5	4.5
Miscellaneous			Completion of 4 Advanced Measures ^e
TOTAL	22 Credits	26 Credits	26 Credits

See the school counselor for additional information.

Foundation Graduation Program

Every student in a Texas public school who entered grade 9 in the 2014-15 school year and thereafter will graduate under the "foundation graduation program." Within the foundation graduation program are "endorsements," which are paths of interest that include Science, Technology, Engineering, and Mathematics (STEM); Business and Industry; Public Services; Arts and Humanities; and Multidisciplinary Studies. Endorsements earned by a student will be noted on the student's transcript. The foundation graduation program also involves the term "distinguished level of achievement," which reflects the completion of at least one endorsement and Algebra II as one of the required advanced mathematics credits. A personal graduation plan will be completed for each high school student, as described in the section titled **Personal Graduation Plan**. State law and rules prohibit a student from graduating solely under the foundation graduation program without an endorsement unless, after the student's sophomore year, the student and student's parent are advised of the specific

^g A student who is unable to participate in physical activity due to a disability or illness may be able to substitute a course in English language arts, mathematics, science, or social studies for the required credit of physical education. This determination will be made by the student's ARD committee, Section 504 committee, or other campus committee, as applicable. Student must provide documentation from a physician.

^h State rules prohibit a student from combining a half-credit of a course for which there is an EOC assessment with another half-credit of an elective credit course to satisfy an elective credit requirement. However, the district will allow a student to satisfy a graduation requirement for which there are multiple options with one-half credit of one allowable option and one-half credit of another allowable option, if neither course has an EOC assessment.

benefits of graduating with an endorsement and submit written permission to the school counselor for the student to graduate without an endorsement. A student who anticipates graduating under the foundation graduation program without an endorsement and who wishes to attend a four-year university or college after graduation must carefully consider whether this will satisfy the admission requirements of the student's desired college or university.

Graduating under the foundation graduation program will also provide opportunities to earn "performance acknowledgments" that will be acknowledged on a student's transcript. Performance acknowledgments are available for outstanding performance in bilingualism and biliteracy, in a dual credit course, on an AP or IB exam, on certain national college preparatory and readiness or college entrance exams, or for earning a nationally or internationally recognized license or certificate. The criteria for earning these performance acknowledgments are prescribed by state rules, and the school counselor can provide more information about these acknowledgments.

A student enrolled in high school prior to the 2014–15 school year has the option of graduating under the foundation graduation program rather than the programs identified above that would otherwise be applicable to that student. See the school counselor for additional information.

The foundation graduation program requires completion of the following credits:

Course Area	# of Credits Foundation Graduation Program	# of Credits Foundation Graduation Program with an Endorsement
English Language Arts	4	4
Mathematics	3	4 ⁱ
Science	3	4
Social Studies (including Economics)	3	3
Physical Education ^j	1	1
Languages Other Than English ^k (LOTE)	2	2
Fine Arts	5	7
Electives		Available Endorsements ^l <ul style="list-style-type: none"> Science, Technology, Engineering, and Math (STEM) Business and Industry Public Services Arts and Humanities Multidisciplinary
Miscellaneous	22 credits	26 credits

ⁱ In order to obtain the distinguished level of achievement under the foundation graduation program, which will be denoted on a student's transcript and diploma and is a requirement to be considered for automatic admission purposes to a Texas four-year college or university, a student must complete an endorsement and take Algebra II as one of the four mathematics credits.

^j A student who is unable to participate in physical activity due to a disability or illness may be able to substitute a course in English language arts, mathematics, science, social studies, or another locally determined credit-bearing course for the required credit of physical education. This determination will be made by the student's ARD committee, Section 504 committee, or other campus committee, as applicable. Student must provide documentation from a physician.

^k Students are required to earn two credits in the same language other than English to graduate. Any student may substitute computer programming languages for these credits. In limited circumstances, a student may be able to substitute this requirement with other courses, as determined by a district committee authorized by law to make these decisions for the student.

^l A student must specify upon entering grade 9 the endorsement he or she wishes to pursue. The Distinguished Level of Achievement must be earned to be admitted to a Texas public university under the Top 10 percent automatic admission law. Additionally a student may earn a Performance Acknowledgment for outstanding academic performance.

Performance Acknowledgements

(Applicable for students graduating under the Texas Administrative Code §74.14 on the FHSP) Students may earn performance acknowledgments on the student's Academic Achievement Record or transcript for the following:

- Outstanding performance in Dual Credit coursework by successfully completing:
 - A. At least 12 hours of college academic courses, including those taken for dual credit as part of the Texas core curriculum, and advanced technical credit courses, including locally articulated courses, with a grade of the equivalent of 3.0 or higher on a scale of 4.0; or
 - B. An Associate degree while in high school.
- Outstanding performance in Bilingualism and Biliteracy:
 - A. A student may earn a performance acknowledgment by demonstrating proficiency in two or more languages by:
 - 1. Completing all English Language Arts requirements and maintaining a minimum grade point average (GPA) of the equivalent of 80 on a scale of 100; and
 - 2. Satisfying one of the following:
 - a. Completion of a minimum of three credits in the same language in a Language Other Than English with a minimum GPA of the equivalent of 80 on a scale of 100; or
 - b. Demonstrated proficiency in the TEKS for level IV or higher in a Language Other Than English with a minimum GPA of the equivalent of 80 on a scale of 100; or
 - c. Completion of at least three credits in foundation subject area courses in a Language Other Than English with a minimum GPA of the equivalent of 80 on a scale of 100; or
 - d. Demonstrated proficiency in one or more Languages Other Than English through one of the following methods:
 - i. Score 3 or higher on an Advanced Placement exam for a Language Other Than English; or
 - ii. Score 4 or higher on an International Baccalaureate exam for a higher level Languages Other Than English course; or
 - iii. Performance on a national assessment of language proficiency in a Language Other Than English of at least Intermediate High or its equivalent.
 - B. In addition to meeting the requirements of the above subsection, to earn a performance acknowledgment in bilingualism and biliteracy, an English language learner must also have:
 - 1. Participated in and met the exit criteria for a bilingual or ESL program; and
 - 2. Scored at the Advanced High level on the Texas English Language Proficiency Assessment System (TELPAS).
- Outstanding performance on a college Advanced Placement test or International Baccalaureate examination by earning :
 - A. A score of 3 or above on a College Board Advanced Placement examination; or
 - B. A score of 4 or above on an International Baccalaureate examination.
- Outstanding performance on the PSAT, the SAT, or the ACT by:
 - A. Earning a score on the Preliminary SAT/National Merit Scholarship Qualifying Test (PSAT/NMSQT) that qualifies the student for recognition as a commended scholar or higher by the College Board and National Merit Scholarship Corporation, as part of the national Hispanic Recognition Program (NHRP) of the College Board or as part of the national Achievement Scholarship Program of the National Merit Scholarship Corporation; or
 - B. Earning a combined critical reading and mathematics score of at least 1250 on the SAT; or
 - C. A composite score on the ACT exam (without writing) of 28.
- Earning a nationally or internationally recognized business or industry certification or license:
 - A. A student may earn a performance acknowledgement with:
 - 1. Performance on an examination or series of examinations sufficient to obtain a nationally or internationally recognized business or industry certification ; or
 - 2. Performance on an examination sufficient to obtain a government-required credential to practice a profession.
 - B. Nationally or internationally recognized business or industry certification shall be defined as an industry validated credential that complies with knowledge and skills standards promulgated by a nationally or internationally recognized

business, industry, professional, or government entity representing a particular profession or occupation that is issued by or endorsed by:

1. A national or international business, industry, or professional organization;
 2. A state agency or other government entity; or
 3. A state-based industry association.
- C. Certifications or licensures for performance acknowledgements shall:
1. Be age appropriate for high school students;
 2. Represent a student's substantial course of study and/or end-of-program knowledge and skills;
 3. Include an industry recognized examination or series of examinations an industry validated skill test, or demonstrated proficiency through documented, supervised field experience; and
 4. Represent substantial knowledge and multiple skills needed for successful entry into a high-skill occupation.

Personal Graduation Plans for Students under the Foundation Graduation Program

A personal graduation plan will be developed for each high school student who is subject to the requirements of the foundation graduation program. The district encourages all students to pursue a personal graduation plan that includes the completion of at least one endorsement and to graduate with the distinguished level of achievement. Attainment of the distinguished level of achievement entitles a student to be considered for automatic admission to a public four year college or university in Texas, depending on his or her rank in class. The school will review personal graduation plan options with each student entering grade 9 and his or her parent. Before the end of grade 9, a student and his or her parent will be required to sign off on a personal graduation plan that includes a course of study that promotes college and workforce readiness and career placement and advancement, as well as facilitates the transition from secondary to postsecondary education. The student's personal graduation plan will denote an appropriate course sequence based on the student's choice of endorsement. A student may, with parental permission, amend his or her personal graduation plan after the initial confirmation.

Available Course Options for all Graduation Programs

Information regarding specific courses required or offered in each curriculum area will be distributed to students each spring in order to enroll in courses for the upcoming school year. Note that the district may require the completion of certain courses for graduation even if these courses are not required by the state for graduation.

Please be aware that not all courses are offered at every secondary campus in the district. A student who wants to take a course not offered at his or her regular campus should contact a school counselor about a transfer or other alternatives. If the parents of at least 22 students request a transfer for those students to take a course in the required curriculum other than fine arts or CTE, the district will offer the course for the following year either by teleconference or at the school from which the transfers were requested.

Certificates of Coursework Completion

A certificate of coursework completion will NOT be issued to a student who has successfully completed state and local credit requirements for graduation but has not yet demonstrated satisfactory performance on the state-mandated tests required for graduation.

Students with Disabilities

Upon the recommendation of the Admission, Review, and Dismissal (ARD) committee, a student with a disability may be permitted to graduate under the provisions of his or her IEP and in accordance with state rules.

A student who receives special education services and has completed four years of high school, but has not met the requirements of his or her IEP, may participate in graduation ceremonies and receive a certificate of attendance. Even if the student participates in graduation ceremonies to receive the certificate of attendance, he or she may remain enrolled until his/her 22nd birthday to complete the IEP and earn his or her high school diploma; however, the student will only be allowed to participate in one graduation ceremony. [See policy FMH (LEGAL).] Additionally, if an ARD committee places a student with a disability on a modified curriculum in a subject area, the student will be placed on the Minimum Program or the program that is applicable based on the school year in which the student entered high school, in accordance with state rules.

ARD committees for students with disabilities who receive special education services and who are subject to the Foundation High School Program will make instructional and assessment decisions for these students in accordance with state law and rules. In order to earn an

endorsement under the foundation program, a student must perform satisfactorily on the EOC assessments and receive no modified curriculum in the student's chosen endorsement area. A student may still be awarded an endorsement when the student fails to perform satisfactorily on no more than two EOC assessments but meets the other requirements for graduation under state law.

If a student receiving special education services is scheduled to graduate under the Minimum Plan or in accordance with the provisions of his or her IEP, the student's ARD committee will determine whether the general EOC assessment is an accurate measure of the student's achievement and progress and if so, whether successful performance is required for graduation, or whether an alternative assessment is more appropriate. STAAR Alternate is the alternative assessments currently allowed by the state. [See High School Assessments for additional information.]

Certificate of Attendance

A student who has attended high school for four years and is a student receiving special education services, who has not met the requirements to receive a diploma or completed the student's individualized education program, may at their request receive a certificate of attendance and be allowed to participate in the graduation ceremony. Contact the high school principal to receive specific information and assistance.

Class Schedules

All students are expected to attend school for the entire school day and maintain a class/course schedule to fulfill each period of the day. Exceptions may be made occasionally by the campus principal for students in grades 9-12 who meet specific criteria and receive parental consent to enroll in less than a full-day's schedule. A student who has already met the exit-level testing requirements and is on track to graduate, a student who is employed, or a student who is enrolled in post-secondary courses are a few examples for which a principal may approve an exception to enrollment in a full-day schedule. For students eligible for special education services, any reduction of a school day must be documented in the student's ARD/IEP. Questions regarding class schedules should be addressed to the campus counselor.

High School Grade Level Classification

Students have the opportunity to earn 7-8 credits per year. The following credits must be earned to be eligible for classification in these grade levels for students entering fall 2007 and thereafter:

9th grade classification:	0-5.5 credits
10th grade classification:	6.0-11.5 credits
11th grade classification:	12-17.5 credits
12th grade classification:	18 plus credits

All credits must be acquired before the first day of the following school year to establish grade level classification and UIL eligibility for semester one.

Weighted Courses

Graduating seniors shall be ranked within the graduating class for each high school upon the basis of weighted grade averages for the course grade, excluding the last semester (last 18 weeks) of the senior year. For further information on course eligibility for course weighting see a school counselor.

College and University Admissions

For two school years following his or her graduation, a district student who graduates in the top ten percent and, in some cases, the top 25 percent, of his or her class is eligible for automatic admission into four-year public universities and colleges in Texas if the student: completes the Recommended or Advanced/Distinguished Achievement Program*; or satisfies the ACT College Readiness Benchmarks or earns at least a 1500 out of 2400 on the SAT.

*Beginning with ninth graders in the 2014-15 school year, to be eligible for automatic admission to a Texas four-year college or university, a student must be on track to graduate with the distinguished level of achievement under the foundation graduation program. This means that a student must graduate with at least one endorsement and must have taken Algebra II as one of the four required math courses. In addition, the student must submit a completed application for admission in accordance with the deadline established by the college or

university. The student is ultimately responsible for ensuring that he or she meets the admission requirements of the university or college to which the student submits an application.

The University of Texas at Austin may limit the number of students automatically admitted to 75 percent of the University's enrollment capacity for incoming resident freshmen. For students who are eligible to enroll in the University of Texas at Austin during the summer or fall 2016 term, the University will be admitting the top eight percent of the high school's graduating class who meet the above requirements. Additional applicants will be considered by the University through a holistic review process.

Should a college or university adopt an admissions policy that automatically accepts the top 25 percent of a graduating class, the provisions above will also apply to a student ranked in the top 25 percent of his or her class. Students and parents should contact the school counselor for further information about automatic admissions, the application process, and deadlines.

Academic Placement

In certain circumstances, it is difficult to determine which grade to place a student. This procedure covers three such situations: home schooled students, students lacking academic information, and overage students.

Home Schooled Students

Parents who home-school their children now have resources available that provide curriculum materials and guidance, but parents are not required to use any specific resources. The parent should provide:

1. A list of all textbooks and resources used with the student;
 2. Evidence of progress made in the curriculum: portfolios, copies of tests, etc.;
 3. Copy of the transcript from the student's last public or private school attended; and
 4. Copies of any state or standardized test results.
- The principal, along with appropriate staff such as the counselor, shall evaluate the information provided. If, in the professional opinion of the principal, the documentation is sufficient evidence of the student's academic performance, the principal may place the student in the appropriate grade level or classes.
 - If the principal does not consider the documentation sufficient, then the principal shall use other assessments listed below in the section on OPTIONAL ASSESSMENTS along with any other documentation from the parent to determine placement.
 - The principal shall counsel with the parent as to best placement based on all of the data presented and / or gathered.
 - If the parents do not agree with the principal's decision and the principal and parents are unable to reach agreement, the parent may appeal to the Senior Executive Director of Curriculum & Instruction.

Students Lacking Adequate Academic Information

Students who lack adequate academic documentation, and for whom that documentation will not be available, such as students who have not had formal schooling of any kind, must be evaluated for placement. The principal shall consult with appropriate staff, such as the counselor, to determine which optional assessment would be most effective.

- In grades one through nine, the principal may make administrative placements based on demonstrated results through grade eight. Beginning with grade 10, the principal must document mastery of Texas Essential Knowledge and Skills and grant credit for each course in grades 9-12.
- The child's age must be considered in placement. If the child is two or more years older chronologically than where he/she tests academically, the principal may consider developing an individual education plan using such strategies as curriculum compacting (acceleration) and mid-year promotion.

Optional Assessments

In the absence of adequate evaluative information, the principal may choose from the following options, using a passing rate of 70% in all instances:

- Administer the released appropriate state assessment for the grade level or course in which the parent feels the child will be able to exhibit competence.
- Administer the Essential Knowledge and Skills exam (as used for credit-by-exam):
 - For placement in 2nd – 9th grade: The student must take exams in the four core subject areas (English, language arts, math, science, social studies) for the highest grade level in which the student should have achieved academic competence.
 - For placement in courses in 10th – 12th grade: Administer the Essential Knowledge and Skills exam (as used for credit-by-exam). The student must take individual course exams for each course for which the student should have achieved academic competence and is requesting credit.
 - These exams must be ordered by the school through Texas Tech University at a cost of \$28 per exam which the school must pay. In grades 7-12 there are two exams for each course (e.g., 1st semester exam \$28 + 2nd semester exam \$28 = \$56 per course). The cycle of ordering, testing, scoring at Texas Tech and reporting results takes approximately two months to complete. The principal may request a Texas Tech catalog from the Testing Office.
- Administer final exams used by teachers on the campus.

Senate Bill 149

Senate Bill 149, signed into law in May 2015, creates another path to high-school graduation for students who do not pass two of the five annual End-of-Course (EOC) State of Texas Assessment of Academic Readiness (STAAR) tests. The legislation allows schools to form graduation committees to evaluate graduation eligibility, on a case-by-case basis, for students who have completed all of their required coursework, but have not passed all of their state mandated EOC STAAR tests. These committees will include principals, teachers, guidance counselors, and parents. They will assess a student's performance based on criteria such as grades, College Board standardized college entrance exam scores, and attendance records. The five exams taken at graduation include Algebra I, English I and II, US History, and Biology. Under the revised standards, they will only need to pass three of these exams to graduate. Contact your counselor for more information.

Class Ranking

Graduating seniors will be ranked within the graduating class for each high school upon the basis of weighted grade averages for course grades, excluding the last semester (or last 18 weeks) of the senior year. This procedure establishes the guidelines regarding the course, weights, top ten percent, early graduates, transfers, and the editing of grades.

Course Weighting

Grade weights for students entering high school in and/or after 2007-2008 shall be assigned to grades earned by high school students for the purposes of class ranking in accordance with the following scale for final semester grades 70 and above:

Course	Weight Added
International Baccalaureate (IB)	+12
Advanced Placement (AP)/ Dual Credit	+10
Pre-International Baccalaureate (Pre-IB)	+7
Pre-Advanced Placement (Pre-AP)/Honors	+5
Below 70 in Any Course	+0

Grade weights for students entering high school 2015-2016 and beyond shall be assigned to grades earned by high school students for the purposes of class ranking in accordance with the following scale for final grades of 70 and above:

Course	Weight Added
International Baccalaureate (IB)	+10
Advanced Placement (AP)/Dual Credit	+10
Pre-International Baccalaureate (Pre-IB)	+5
Pre-Advanced Placement (Pre-AP)/Honors	+5
Below 70 in Any Course	+0

Weighted grades do not appear on the report card or AAR.

Course Determination for GPA

Only students who are expected to master all Texas Essential Knowledge and Skills of every state accredited course will be included in the class ranking and in the GPA computations. All high school TEA approved state credit grades including failing grades, grades earned from repeated courses, summer school, night school, correspondence courses, grades earned through credit by examination shall be included in determining a student's grade point average and ranking in class.

Courses that earn 2 or more credits in two semesters will be counted the number of times of credit earned, example if an 85 is earned in a course that earns 2.0 credits, 85 will be counted twice when calculating the student's GPA. Grades from non-accredited schools, including home schooling, grades earned in middle school for high school courses, local credit courses, and grades exempted by an ARD Committee decision shall not be used to determine a student grade point average for class ranking. Repeating 12th grade students not enrolled full-time will be excluded from class rank.

Class Size Used for Ranking Purposes

Class size used for ranking purposes will be determined by the number of students enrolled at each grade level at the time of GPA and ranking.

Minimum Approved semester Courses for Ranking Purposes

The minimum number of approved semester grades required for ranking is listed in the table below:

Grade Level	Beginning Fall Semester	Beginning Spring Semester
Grade 9	No GPA & Rank	6
Grade 10	12	18
Grade 11	24	30
Grade 12	36	42

An applicant who does not satisfy the curriculum requirements for the Distinguished Level of Achievement under the Foundation High School Program, the Recommended High School Program, or the Advanced/Distinguished Achievement High School Program is considered to have satisfied those requirements if the student completed the portion of the applicable curriculum that was available to the student but was unable to complete the remainder solely because the necessary courses were unavailable to the student at the appropriate times in the student's high school career as a result of course scheduling, lack of enrollment capacity, or another cause not within the student's control. A student's transcript or diploma must, not later than the student's junior year, indicate the student's progress toward satisfying the curriculum requirements (TEC § 51.803 b, c)

Publishing of GPA and Class Rank

Grade point average (GPA) and rank shall be published following completion of the first, second, third, fourth, fifth, sixth, and seventh semester.

Top Ten Percent

Students who rank within the Top Ten Percent may be eligible for automatic admission to a Texas public college or university. The District shall adhere to the rules set by the Texas Higher Education Coordinating Board for reporting the exact numerical standing of the Top Ten Percent.

The University of Texas at Austin may limit the number of students automatically admitted to 75 percent of the university's enrollment capacity for incoming resident freshmen. For students who are eligible to enroll in the University of Texas at Austin during the summer/fall of 2015 and spring of 2016, the University will be admitting the top seven percent of the high school's graduating class who meet the above requirements. For the summer/fall of 2016 and spring of 2017, the University of Texas at Austin will be admitting the top eight percent of the graduating class who meet the above requirements. Updated information regarding admissions to the University of Texas at Austin may be found on their website, [UTexas Admissions](http://utexasadmissions.org). Additional applicants will be considered by the University through an independent review process.

Honor Graduate Certificate

The Texas Education Agency will provide one certificate per high school to be presented to the highest ranking graduate of the senior class. The highest ranking graduate will be determined by the standards listed in EIC (LOCAL).

Early Graduates

A student who completes high school requirements in fewer than four years shall be ranked in the class with which he or she actually graduates and shall be eligible for Honor Graduating status. Three-year graduates shall not be eligible for the top-ranking graduate scholarship.

Transfers

In the case of a transfer student, grades shall be accepted based on the intent of the sending school. If the transfer grade from an accredited school has been designated as an AP, IB, Dual Credit, Pre-IB, or Honors course on the transcript, the grade shall be awarded weighted rank points as long as the same course is weighted at the same level of difficulty within the District.

In cases in which a student transcript has recorded alpha grades the following conversion scale will be utilized:

**Letter Grade Conversion Table
For Transfer Students Awards Alpha Grades**

Alpha Grade	Numerical Grade
A+	98
A	95
A-	92
B+	88
B	85
B-	82
C+	78
C	77
C-	75
D+	73
D	72
D-	70
F	65

Three Year/Early Graduates

A student who completes high school requirements in fewer than four years shall be ranked in the class with which he or she actually graduates and shall be eligible for Honor Graduating status. Three-year graduates shall not be eligible for the top-ranking graduate

scholarship. A specific scholarship is offered through the Texas Higher Education Coordinating Board for three-year graduates to attend Texas public colleges and universities. Additional information may be obtained from the campus counselors.

Class Size, Minimum Semesters, Publishing

Class size used for ranking purposes will be determined by the year-to-date peak membership. Graduation class size for the second semester will be determined one week after the end of the first semester. A minimum number of 36 semester grades is required for senior ranking. Grade point average (GPA) shall be published following completion of the fourth, fifth, sixth, and fall semester of the student's junior and senior years.

Top Ten Percent

Students who rank within the Top Ten Percent may be eligible for automatic admission to a Texas public college or university. The District shall adhere to the rules set by the Texas Higher Education Coordinating Board for reporting the exact numerical standing of the Top Ten Percent.

The University of Texas at Austin may limit the number of students automatically admitted to 75 percent of the university's enrollment capacity for incoming resident freshmen. For students who are eligible to enroll in the University of Texas at Austin during the summer or fall 2011 term, the University will be admitting the top eight percent of the high school's graduating class who meet the above requirements. Additional applicants will be considered by the University through an independent review process.

Honor Graduate Certificate

The Texas Education Agency will provide one certificate per high school to be presented to the highest ranking graduate of the senior class. The highest ranking graduate will be determined by the Valedictorian standards listed in EIC (LOCAL).

Commencement/Graduation Exercises

The graduation exercise/commencement ceremony is a serious, thoughtfully planned school event that celebrates and acknowledges students' achievements in meeting state graduation requirements. The Superintendent or designee shall ensure that each high school's commencement ceremony is a dignified tribute to the individual and class accomplishments and a source of pride for students and their families. This administrative procedure addresses the elements of a graduation exercise/commencement in terms of eligibility, responsibilities, planning, rehearsal, and the actual ceremony guidelines.

Eligibility

Graduation ceremonies shall be conducted for students that maintain eligible participation and meet one of the following criteria:

- Students who have satisfactorily completed all coursework requirements, passed any mandated state graduation assessments, and met any other requirements and who are receiving a diploma.
- Students with disabilities who wish to participate in the graduation ceremony with age appropriate peers but may return to school up to the age of 22. The admission, review, and dismissal committee shall determine the appropriateness of their participation in the graduation ceremony for receipt of a certificate of attendance. A student who qualifies in this category may only participate in one commencement/graduation ceremony.

All students eligible for participation in graduation ceremonies shall be held to appropriate standards of behavior. Student Code of Conduct violations that warrant out-of-school suspension, DAEP placement, or expulsion during the last 30 school days and any subsequent days between the last day of school and until the conclusion of the graduation ceremony, to include rehearsal, may be prohibited from participation in the graduation ceremony, as it is an honorary privilege and a school-sponsored event/activity. All students who participate in the rehearsal and/or graduation ceremony must be in good standing as determined by the campus principal.

Student participation in graduation/commencement ceremonies shall be on a voluntary basis. An eligible student who chooses not to participate will receive his or her diploma in the mail. Eligible students who choose to participate in the ceremony must sign a Commencement Participation Commitment and abide by the following guidelines:

- Misconduct, distractions, or defiance of rehearsal/commencement procedures will not be allowed. Students who do not comply with the rules will be removed from the rehearsal/commencement activities.
- Students will comply with the rehearsal/commencement dress code.
- The Student Code of Conduct and all policies relating to student conduct that are applicable in the school will remain in force until the end of commencement activities.

Students that do not meet state graduation requirements to include all coursework and successful completion of the required state assessments are not allowed to participate in the student's high school commencement/graduation exercises. Due to this change in District policy, the high school campus must provide accountable intervention and monitoring to increase the number of students eligible for graduation.

All parents/guardians of students that are classified as seniors, but have not successfully met the state assessment requirement must be sent the Senior Status Letter no later than the third week of school their senior year.

A liaison counselor will be identified by the high school campus as the person responsible for identifying students after the first exit level results are received by the campus. The liaison counselor will facilitate the development of the Senior State Assessment Action Plan with the identified students and monitor student progress towards meeting graduation requirements with the campus counseling department.

Students who do not successfully meet the state assessment requirements on the exit level exam after the first administration are required to have a Senior State Assessment Action Plan developed. Each identified student will be required to meet with their school counselor to develop the action plan and determine a meeting schedule to monitor the developed action plan.

College for All Texans

The College for Texans campaign is a project of the Texas Higher Education Coordinating Board. The goal of the campaign is to increase the percentage of Texas high school graduates enrolling in college. The campaign provides information for parents/guardians and for middle grades and high school students on preparing, applying and paying for college. The project also provides materials to schools and other organizations to help them promote college readiness, financial aid options and postsecondary education to Texas students. More information can be found at their website: [College for All Texans](#).



Section III:

High School Course Descriptions

SAISD

SAISD Disclaimer:

The contents of the High School Information Guide are relevant to SAISD Policy (LEGAL and LOCAL) and Administrative Procedures as of January 2016. For current information regarding district policy, please refer to the San Antonio Independent School District website at [SAISD Board Policy Manual](#) or visit with your school counselor.

Specific school-related questions should be directed to campus staff. When a parent or guardian has a question or concern, he or she should contact the person who made the initial decision. If the concern continues after the discussion, the principal should be contacted.

San Antonio Independent School District does not discriminate on the basis of race, religion, color national origin, sex, or disability in providing education services, activities, and programs, including vocational programs, in accordance with Title VI of the Civil Rights Act of 1964, as amended; Title IX of the Educational Amendments of 1972; section 504 of the Rehabilitation Act of 1973, as amended.

IB Programme

The International Baccalaureate (IB) Diploma is an internationally recognized rigorous university preparation curriculum and assessment program. It is built around the six points of the IB Hexagon with each point defined as a group. Students are expected to complete one course from each group. Three courses must be taken at the Higher Level and three at the Standard Level; courses are completed over two years – Year 1 and Year 2. Additionally, all diploma students must complete the three core components that distinguish the IB Diploma: 1.) The Extended Essay; 2.) Theory of Knowledge course, and 3.) Creativity, Action, and Service (CAS).

Students receive a mark for each subject they take in the group. The final mark is arrived through the marks received in both the Internal and External Assessments corresponding to that subject. In order to earn an IB Diploma, students must accumulate a total of 24 points from the six subject groups with not one HL with a mark of 2 or below, or an SL course with a mark of 1 or below. Students must complete the Extended Essay and the Theory of Knowledge course work with no mark of elementary, and finally they have to complete 100% of the CAS requirements. Senate Bill 111 of the Texas State Legislature requires a state funded university to award 24-30 hours of advanced standing to a student that earns the IB Diploma, provided there is no assessment score in the hexagon below a 4.

Please note: Participation in the magnet program may actually begin with the Burbank IB Prep courses at the freshman and sophomore levels; however, students can only begin the IB Diploma courses in the 11th grade.

Diploma Program Subject Groups

Group I: Studies in Language and Literature



English A1 HL (2 year course)

Course No: 1238 English IB or 1239 English IB/GT (Year 1) & 1248 English IB or 1249 English IB/GT (Year 2)

Credits: 2

(1 credit for each year)

Prerequisite: Burbank IB Prep courses English I, II

English A1 consists of four parts representing genres and identified themes in literature. The required titles for the course are taken from the IB Prescribed List of Literature. The students study the works over two years and develop and/or present the assessments required. Students are expected to write and have oral discussions that utilize the literary elements as investigative tools for analysis in order to evaluate the significance of a piece of writing in the pantheon of literature. **External Assessment:** One 1500 word World Literature paper requires the students to address literary criticism principles applying them to the world literature selections they read in class and in some manner connect them to the areas of concentration and required works. **Paper 1 and Paper 2:** Two separate written examinations completed in May according to IBO directions. **Internal Assessment:** One 20-30 minute Oral Commentary presentation presented in class on authors studied. One detailed oral commentary on a specific literary selection which is recorded: Students are given 15 minutes to study a particular literary selection and then must meet and orally comment on the literary merits of the selection through a conversation with the English A1 teacher.

Group II: Language Acquisition



Spanish B HL (2 year course)

Course No: 5223 Spanish IV B (Year 1) & 5224 Spanish V B (Year 2)

Credit: 2 (1 credit for each year)

Prerequisite: Spanish I, II, up through III, IV (AP Spanish Language), and V (AP Spanish Literature) There are four main components of this course: Text handling, oral comprehension, and written and oral communication skills. The goal of the two year course is to develop fluency of the language in the reading, writing, and listening skills to live competently in a Spanish speaking environment.

External Assessment-Paper 1 and Paper 2: Two separate written examinations in which students are asked to respond to a variety of written texts and/or write responses to specific prompts. These are conducted in May according to IBO directions. **Internal Assessment:** The teacher, to demonstrate that the student can communicate verbally in the Spanish Language, creates an oral examination. The teacher and students meet and hold a discourse that is recorded. Creative writing based on one of the literary works studied of 500-600 words, plus rationale of task of 150-250 words confirming the authors upon which the written task is based.

Group III: Individuals and Societies



History of the Americas (2 year course)

Course No: 4238 History of the Americas IB or 4239 History of the Americas IB/GT (Year 1) & 4240 History of the Americas IB or 4241 History of the Americas IB/GT (Year 2)

Credit: 2

(1 credit for each year)

Prerequisite: World Geography, and AP World History

This course is a study of the twentieth century world and a detailed study of the History of the Americas. Year 1 concentrates on U.S. History, and the History of Latin America. Year 2 focuses on: Causes, Effects, and Practices of War, The Cold War, Decolonization, The Rise of Single Party States, World War II, The Rise of Modern China, The Holocaust, US and Latin America Foreign Policy, and Revolution and Independence Movements in the Americas. Students are expected to know, compare/contrast, and evaluate the significance of the particular issue in the panorama of social, economic, and political development of the modern world, and the Americas specifically.

External Assessment-Paper 1, Paper 2, and Paper 3: Three separate written examinations covering the 20th Century world history and historical eras (topics covering U.S., Canada, and Latin America). These are conducted in May according to IBO directions. **Internal Assessment:** One 1500 word historiography on a topic pre-approved by the instructor detailing a particular historical event with a conclusion describing the factors impacting research in the area of history.

Group IV: Sciences



Biology SL (2 year course)

Course No: 3232 Biology I IB, 3233 Biology I IB/GT (Year 1) & 7861 SCRIB IB (Year 2)

Credits: 2

Prerequisite: Chemistry, AP Physics

This course is both theory and experimental science in the areas of Chemistry of Life, Cells, Genetics, Ecology and Evolution, Human Health and Physiology. Optional topics expand on diet, physiology, energy, and neurobiology. Students are expected to design and carry out scientific experiments. **External Assessment-Paper 1, Paper 2, and Paper 3:** Three separate written examinations. These are conducted in May according to IBO directions. **Internal Assessment:** Each student submits one complete lab report reflecting an individual experiment completed in conjunction with the syllabus determined by the IB to cover Biology SL. The lab must be student designed to include: Setup of a lab, data collection, interpretation of data, and conclusion. Each component is individually rated.

Group V: Mathematics



Math Studies SL

Course No: 2492 IB Math Studies SL **Credit: 1**
 Prerequisite: Algebra I, II, Geometry, Pre-Calculus
 This course is an integrated math course covering the principles of algebra, geometry, trigonometry, calculus, logic, probability and statistics, with an emphasis on calculus. Students are expected to manipulate the concepts and computation skills in order to solve problems mathematically. **External Assessment: Paper 1 and Paper 2:** Two separate written examinations covering the syllabus of Math Studies involving areas in calculus, statistics, and graph theory among them. These are conducted in May according to IBO directions. **Internal Assessment:** Students must design a research project that includes review of literature, data collection, presentation of data, mathematical analysis of data, and development of a conclusion.



Math SL

Course No: 2495 IB Advanced Math SL **Credit: 1**
 Prerequisite: Algebra I, II, Geometry, Pre-calculus
 Students are expected to manipulate the conceptual and computational skills of algebra, geometry, calculus, trigonometry, probability and statistics, with emphasis on statistics to solve problems mathematically at an increasing level of sophistication. **External Assessment: Paper 1 and Paper 2:** Two separate written examinations covering the syllabus of Math Studies involving areas in calculus, statistics, and graph theory among them. These are conducted in May according to IBO directions. **Internal Assessment:** Students create a portfolio documenting the process utilized by them to solve more sophisticated mathematical applications.

Group VI: The Arts



Art Design Option A (SL), or OPTION B (SL) (2 Year)

Course No: 6434 IB Art Design SL (Year 1) & 6437 IB Art Design SL (Year 2) **Credits: 1.5**
 Prerequisite: None, Art I recommended
 This course asks students to research the elements of art, the cultural context that produced the art, and the historical development of the visual arts in cultures over time and geographical locations. They are expected to document their acquisition of information and reflect on the process and level of acquisition in a Research Art Workbook/Journal. They will be expected to create their own works of art that model the artistic techniques and materials of given cultural places and historical time periods in order to develop an appreciation for the artists and works that have been evaluated as significant in the

world of art. **External Assessment: Option A:** An art showing of the work created by the student, at which time the students give a 15-20 minute talk in the unifying theme, their growth and development as an artist, and the techniques and materials used to create their work. **External Assessment: Option B:** One 40-minute oral examination/discussion with the Art teacher that is recorded research conducted and chronicled in the student's Research Workbook. All written research must reflect knowledge of the basic principles of art and how the varieties of art schools/eras apply them in unique cultural contexts. These are conducted in April according to IBO directions. **Internal Assessment: Option A:** The research workbook is presented that chronicles the research and growth of the student as an artist. All written research must reflect knowledge of the basic principles of art and how the varieties of art schools/eras apply them in unique cultural contexts. **Internal Assessment: Option B:** Photographs of 12 pieces of art created by the students reflecting the areas of study covered in the development of the Research Workbook.



Music SL (2 year course)

Course No: 6697 IB Music SL (Year 1) & 6698 IB Music SL (Year 2) **Credits: 1.5**
 Prerequisite: None; ability to sight read and play an instrument is highly recommended
 Students are expected to study, analyze, and reflect on the significant role music plays in culture. They are given the option of specializing in solo or group performance or the creation of music. They will manipulate, differentiate, and arrive at conclusions as to the value of specific pieces of music. Every class is assigned to two specific musical pieces by the IBO that they will use to conduct an in depth study. **External Assessment: Paper 1:** A written examination covering the syllabus of Music. This is conducted in May according to IBO directions. **Musical Links Investigation:** This is a 1500 word analytical essay that requires students to identify musical links between two distinct cultures. **Internal Assessment:** Two student solo or group performances are recorded and evaluated by the teacher and sent to international examiners for moderation. Students who choose the creation option must present three different musical scores, a reflective essay on the thoughts behind the creation, and CD recording of the music they created. The teacher marks the works, and then sends for moderation.

IB Diploma Programme (DP) Core Components



Theory of Knowledge

Course No: 4441 (12th), 4442 (11th) **Credits: 1**
 (½ credit per year)

Prerequisite: IB Diploma Candidate
 This is a critical thinking course that examines epistemology by asking students to answer the basic question "How do we know what we know?" Students will be asked to examine the Ways of Knowing and the Areas of Knowledge. **External Assessment:** A 1500 word essay must be submitted addressing one of ten prescribed titles provided annually by IBO. **Internal Assessment** (Graded by the teacher first, then by IB Examiners): Students are expected to make a 10-15 minute presentation on an area of knowledge.



Extended Essay

This is an independent research essay in which a student extends a topic he/she has studied in one of their IB Diploma courses. If students choose to write an essay in Group 3, 4, or 5 in Spanish or French, utilizing Spanish or French sources, and it receives a passing mark, the student becomes a candidate for the IB Bilingual Diploma. External Assessment (Graded in totality by IB Examiners). This essay must extend the studies initiated in the classroom through research. **General requirements:** (1) 3200-4000 words (2) research essay must be completed independently of any class (3) approximately 18-20 pages in length (4) 12-size font (5) double spaced (6) minimum of 6 different sources. **Subject recommendations:** (1) History- The student must select contradictory sources if possible and analyze the differing points of view in determining a conclusion as to what actually occurred; (2) Experimental Sciences- Some attempt at experiments or the collection and manipulation of data has to be present and analyzed; (3) English- The work revolves around literary criticism of literature. Works that were not originally created in English may be used; (4) Art and Design- Analyze the artwork utilizing the rules and principles of design and the cultural context that produced the work; (5) Spanish- Research into the uses of language-literary, formal/informal; essay must be written in Spanish; (6) Music- Research the cultural context that created the music, and its influence in the writing of the scores.



Creativity, Action, & Service (SAS) and Internal Documentation (auditable)

Creativity, Action, and Service (CAS) provides the main opportunity for students to develop many of the attributes of the IB Learner Profile, to influence a sense of international mindedness, and to recognize their common humanity and shared guardianship of the planet in order to help create a better and more peaceful world. Students are expected to participate in the three areas (CAS), through activities which address a set of eight learning outcomes. The student is also expected to write reflections about what he/she learned as a result of participating. At the end of the two year program, the student is required to write a reflection essay on the experience. **Moderation of Internal Assessments:** All Internal Assessments are first marked by the teacher of record. The teacher's markings are then moderated and scored by IB Examiners. This system helps determine the teacher's understanding of the rubrics and his/her course syllabus. The student's submitted grade may be adjusted accordingly by the moderator.



English Language Arts

English for Speakers of Other Languages (ESOL)

ESOL I

Course No: 1210

Credit: 1

Prerequisite: LEP

This course is composed of thematic units that facilitate literary studies through reading, writing, inquiry, research, listening, and speaking. The course equips the student with the communication and thinking skills essential for success in social, academic, and business situations. These critical processes support second language acquisition. Appropriate instruction enables students to meet content requirements.

ESOL II

Course No: 1220

Credit: 1

Prerequisite: ESOL I

This course may be substituted for English II for immigrant students with limited English proficiency only. The course incorporates both second language acquisition essential knowledge and skills and English language knowledge and skills.

General English Language Arts Courses

Advanced Broadcasting Journalism I, II, III

Course No: 1741 (I), 1742 (II), 1743 (III) **Credit: 1**

In this year-long course, performance skills are continually practiced and refined. Students learn about production and all the responsibilities involved in directing, producing, and maintaining a weekly radio show. These skills are developed through students' direction of an extended radio show.

Analysis of Visual Media

Course No: 1552

Credit: ½

Prerequisite: Teacher Recommendation

In this elective course, students study various visual arts, including television, movies, paintings, and multi-media productions to learn about the visual presentation of messages or themes. In this analysis-oriented course, students learn broadcasting essentials and examine current media trends. They also gain "hands on" experience in production through writing, producing, directing, filming, and editing programs. A strong composition emphasis requires students to write critiques, essays, creative dialogues, interview questions, and television copy; engage in editing sessions; and conduct research.

BSC English I

Course No: 9111

Prerequisite: ARD/IEP committee recommendation

Modified curriculum of the key elements of the English TEKS taught by a special education teacher and based on the student's IEP.

BSC English II

Course No: 9112

Prerequisite: ARD/IEP committee recommendation

Modified curriculum of the key elements of the English TEKS taught by a special education teacher and based on the student's IEP.

BSC English III

Course No: 9113

Prerequisite: ARD/IEP committee recommendation

Modified curriculum of the key elements of the English TEKS taught by a special education teacher and based on the student's IEP.

BSC English IV

Course No: 9114

Prerequisite: ARD/IEP committee recommendation

Modified curriculum of the key elements of the English TEKS taught by a special education teacher and based on the student's IEP.

BSC Reading I

Course No: 9101

Prerequisite: ARD/IEP committee recommendation

Modified instruction of the key elements of the reading TEKS taught by the special education teacher. The student's IEP is followed.

BSC Reading II

Course No: 9102

Prerequisite: ARD/IEP committee recommendation

Modified instruction of the key elements of the Reading TEKS taught by the special education teacher. The student's IEP is followed.

BSC Reading III

Course No: 9103

Prerequisite: ARD/IEP committee recommendation

Modified instruction of the key elements of the Reading TEKS taught by the special education teacher. The student's IEP is followed.

College Prep ELA

Course No: 1707

Credit: 1

Prerequisite: (1) 12th grade only; (2) passed English I, II, III; (3) passed ELA I & II EOC.

In this college-preparatory course, students improve integrated critical reading and writing skills while engaging with texts from a variety of content areas and genres. Students write for various audiences and develop and express ideas clearly and effectively. Through this course, students prepare for the rigor of college-level coursework. Successful completion of the course, as defined by the memorandum of understanding (MOU) with partnering institutions, grants students exemptions from Texas Success Initiative (TSI) requirements for English at the partnering institutions.

Communication Applications

Course No: 1560

Credit: ½

Prerequisite: None

This course is recommended to meet the speech graduation requirement. It focuses on helping students develop the fundamental skills necessary to communicate effectively in a variety of modes, with emphasis on listening, speaking, discussing, presenting, and assessing. Students are provided opportunities to present, receive feedback, refine, and repeat their presentations to develop the competencies necessary to become effective oral communicators in the classroom, on the job, and in the community.



Communication Applications DC

Course No: 1561

Credit: ½

This course is recommended to meet graduation requirements. It focuses on helping students develop the fundamental skills necessary to communicate effectively in a variety of modes, with emphasis on listening, speaking, discussing, presenting, and assessing. Students are provided opportunities to present, receive feedback, refine, and repeat their presentations to develop the

competencies necessary to become effective oral communicators in the classroom, on the job, and in the community. Students must earn a grade of 75 or above to receive dual credit.

Creative Writing

Course No: 1553

Credit: ½

Course No: 1711

Credit: 1

Prerequisite: English I

In this course, students read, study, and analyze various literary forms, conventions, and criteria for literary criticism. In addition, students write poetry, fiction, non-fiction, and drama. Students submit at least two pieces of writing from different genres to contests and publications.

Debate I, II, III

Course No: 1721 (I), 1722 (II), 1723 (III) **Credit: 1**

Student participation in UIL, TFA and/or NFL competition is required. This course introduces students to the logical argumentation that takes place during policy-making and value-assessment. Students analyze specific topic questions, research to find evidence, and develop affirmative and negative case positions.

English I

Course No: 1214

Credit: 1

Prerequisite: None

English I, the foundation course for 9th grade students, integrates the study of composition, language usage, literature, and reading. Student read and respond to a variety of literary genres and write for a variety of purposes and audiences..

English I Pre-AP

Course No: 1215

Credit: 1

Prerequisite: None

English I Pre-AP provides a challenging curriculum for students who wish to prepare for the rigor of Advanced Placement courses. The course integrates the study of composition, language usage, literature, and critical reading. Students read and respond to a variety of literary genres and write for a variety of purposes and audiences.

English I Pre-AP/GT

Course No: 1216

Credit: 1

Prerequisite: None

English I Pre-AP/GT provides a challenging curriculum for students who wish to prepare for the rigor of Advanced Placement courses. To qualify for this program, students meet special criteria through an identification process. G/T students receive differentiated instruction within the Pre-AP course. The course integrates the study of composition, language usage, literature, and critical reading. Students read and respond to a variety of literary genres and write for a variety of purposes and audiences.

English II

Course No: 1224

Credit: 1

Prerequisite: English I

Students enrolled in English II continue to increase and refine their communication skills. English II integrates the study of composition, language usage, literature, and reading. Students read and respond to a variety of literary genres and write for a variety of purposes and audiences.

English II Pre-AP

Course No: 1225

Credit: 1

Prerequisite: English I or English I Pre-AP

English II Pre-AP includes the development of critical thinking skills and advanced mechanics, syntax, usage, and vocabulary in preparation for the PSAT. The course emphasizes the skills and strategies needed to succeed in AP courses in grades 11 and 12 and requires critical reading of classical, Medieval, Renaissance, and contemporary literature with particular focus on writer's style and purpose. Students use technology to produce a variety of oral and media communication presentations and work with peers to analyze and evaluate their presentations in terms of the effect of media on the intended message.

English II Pre-AP/GT

Course No: 1226

Credit: 1

Prerequisite: English I or English I Pre-AP

English II Pre-AP/GT includes the development of critical thinking skills and advanced mechanics, syntax, usage, and vocabulary in preparation for the PSAT. To qualify for the G/T program, students meet special criteria through an identification process. G/T students receive differentiated instruction within the Pre-AP course. The course requires critical reading of classical, Medieval, Renaissance, and contemporary literature with an emphasis on analysis of writer's style and purpose. Students use technology to produce a variety of oral and media communication presentations and work with peers to analyze and evaluate their presentations in terms of the effect of media on the intended message.

English III

Course No: 1231(SH), 1234 (CP)

Credit: 1

Prerequisite: English II

Students enrolled in English III continue to increase and refine their communication skills. They are expected to plan, draft, and complete written texts throughout the year. English III students self-edit for clarity, use engaging language, and practice the correct use of the conventions and mechanics of written English to produce final, error-free drafts. In addition, students practice writing in a variety of forms and read multiple genres of American literature while exploring historical context, literary forms, devices, and themes.

English IV

Course No: 1244

Credit: 1

Prerequisite: English III

Students enrolled in English IV continue to increase and refine their communication skills. They are expected to plan, draft, and complete written texts throughout the year. Students self-edit papers for clarity, use engaging language, and practice the correct use of the conventions and mechanics of written English to produce final, error-free drafts. In English IV, students practice writing in a variety of forms and read multiple genres of British literature. Students learn literary forms and terms associated with selections read and interpret the possible influences of historical contexts on literary works.



English IV DC

Course No: 1245

Credit: 1

Prerequisite: English III or III AP

This course is an advanced English course composed of thematic units grounded in the study of British literature. Students who meet the registration guidelines and course requirements of ACCD qualify to receive dual credit for English 1301 and 1302. Students must earn a grade of 80 or above to receive dual credit.

English V Independent Study

Course No: 1250

Credit: 1

Prerequisite: Teacher/Staff recommendation

English V Independent Study offers students instruction in the vocabulary, comprehension, grammar, and written composition skills necessary for entry into college or the work world. Students enrolled in English V read multiple genres for a variety of purposes and learn a variety of reading comprehension strategies in order to read more effectively and efficiently. Students plan, draft, and complete written compositions on a regular basis and revise and edit their papers for clarity, engaging language, and the correct use of the conventions and mechanics of written English. Students write a variety of papers, including business, personal, literary, and persuasive pieces. Students collect, review, and evaluate their own work to determine strengths and needs and set personal goals for extended learning opportunities in language and literature. Successful completion of English V qualifies as an advanced measure for the Distinguished Achievement Program.



English Language

Course No: 1236

Credit: 1

Prerequisite: English II or English II Pre-AP

AP Language and Composition provides a college-level curriculum with an emphasis on the analysis of a variety of literary and nonfiction texts representing American and world literature. In this course,

students read critically, participate in class discussions, and write analytically about writer's style, literary elements, cultural diversity, and themes. Students employ their knowledge of rhetorical devices and the conventions of standard written English to produce error-free essays and research products, and they spend time in and out of class reading, writing, and problem-solving in preparation for the Advanced Placement exam and post-secondary course work.

English Language

Course No: 1880 **Credit: 1**

Prerequisite: English II or English II Pre-AP

This course provides a college-level curriculum with an emphasis on the analysis of a variety of literary and nonfiction texts representing American and world literature. Students read critically, participate in class discussions, and write analytically about writer's style, literary elements, cultural diversity, and themes. Students employ their knowledge of rhetorical devices and the conventions of standard written English to produce error-free essays and research products, and they spend time in and out of class reading, writing, and problem-solving in preparation for the Advanced Placement exam and post-secondary course work. Students who meet the registration guidelines and course requirements of ACCD qualify to receive dual credit. Students must earn a grade of 80 or above to receive dual credit.

English Language GT

Course No: 1237 **Credit: ½ -1**

Prerequisite: English II or English II Pre-AP

AP Language and Composition provides a college-level curriculum with an emphasis on the analysis of a variety of literary and nonfiction texts representing American and world literature. To qualify for the G/T program, students meet special criteria through an identification process. G/T students receive differentiated instruction within the AP course. Students read critically, participate in class discussions, and write analytically about writer's style, literary elements, cultural diversity, and themes. Students employ their knowledge of rhetorical devices and the conventions of standard written English to produce error-free essays and research products, and they spend time in and out of class reading, writing, and problem-solving in preparation for the Advanced Placement exam and post-secondary course work.

English Literature

Course No: 1246 **Credit: 1**

Prerequisite: English III or English III AP

AP English Literature and Composition provides a college-level curriculum with an emphasis on the analysis of classic and contemporary literature representing the works of British and world authors. Students read a variety of genres, including novels, short stories, essays, drama, and poetry. Students analyze literary works and participate in class discussions focusing on writer's style, literary elements, cultural diversity, and themes. Literary analysis is the major focus of the composition strand. Students employ their knowledge of rhetorical devices and the conventions of standard written English as they use the writing process. Students spend time in and out of class reading, writing, and problem-solving in preparation for the Advanced Placement exam and post-secondary course work.

English Literature

Course No: 1881 **Credit: 1**

Prerequisite: English III or English III AP

AP English Literature and Composition provides a college-level curriculum with an emphasis on the analysis of classic and contemporary literature representing the works of British and world authors. Students read a variety of genres, including novels, short stories, essays, drama, and poetry. Students analyze literary works and participate in class discussions focusing on writer's style, literary elements, cultural diversity, and themes. Literary analysis is the major focus of the composition strand. Students employ their knowledge of rhetorical devices and the conventions of standard written English as they use the writing process. Students spend time in and out of class reading, writing, and problem-solving in preparation for the Advanced Placement exam and post-secondary course work. Students who meet the registration guidelines and course requirements of ACCD qualify to receive dual credit. Students must earn a grade of 80 or above to receive dual credit.

English Literature GT

Course No: 1247 **Credit: 1**

Prerequisite: English III or English III AP/GT

AP English Literature and Composition provides a college-level curriculum with an emphasis on the analysis of classic and contemporary literature representing the works of British and world authors. To qualify for the G/T program, students meet special criteria through an identification process. G/T students receive differentiated instruction within the AP course. Students read a variety of genres, including novels, short stories, essays, drama, and poetry. Students analyze literary works and participate in class discussions focusing on writer's style, literary elements, cultural diversity, and themes. Literary analysis is the major focus of the

composition strand. Students employ their knowledge of rhetorical devices and the conventions of standard written English as they use the writing process. Students spend time in and out of class reading, writing, and problem-solving in preparation for the Advanced Placement exam and post-secondary course work.

Journalism

Course No: 1718

Credit: 1

This course is designed to introduce students to the history of mass media and its role in contemporary society. Students learn the fundamentals of journalism, including standards and functions of the press, news values, interview techniques, and copy preparation. The course focuses on writing news features and editorials. Students use computers to complete a variety of assignments.

Legal Communication

Course No: 1551

Credit: ½

Prerequisite: None

This magnet course is designed to improve students' writing skills beyond grade level and to increase their knowledge of writing for a variety of practical purposes. Special emphasis is given to reading and writing activities specific to the legal process, particularly civil and criminal court cases. This course is intended to develop and motivate students to improve their oral communication skills while exposing them to components of the public speaking process and to variations of speech planning in the form of oral arguments for legal cases.

Newspaper I, II, III

Course No: 1761 (I), 1762 (II), 1763 (III) **Credit: 1**

Prerequisite: Journalism I

In this course, students serve in editorial positions and gain practical experience producing and publishing a school newspaper. Students receive personal instruction in advanced writing skills, preparing copy on computers, page design, and paste-up techniques. Newspaper students occasionally stay after school to complete assignments prior to deadlines.

Oral Interpretation I, II, III

Course No: 1731 (I), 1732 (II), 1733 (III) **Credit: 1**

Student participation in UIL, TFA and/or NFL competition is required. This is a course for self-motivated students interested in speech competition. The course focuses on oral interpretations of literature, prose, and drama. Competition events include extemporaneous speaking, oration, dramatic and humorous interpretation, and duet acting.

Practical Writing

Course No: 1558 (1A)

Credit: ½

Course No: 1559 (1B)

Credit: ½

Course No: 1717

Credit: 1

Practical Writing is designed to provide tutorial assistance to students needing help with writing skills. The course focuses on STAAR remediation, and writing is taught as a process. Students refine their writing skills through practice with mechanics, usage, diction, sentence combining, and paragraph development.

Reading Intervention I

Course No: 1781

Credit: 1

Prerequisite: Qualified Special Education student; Individual results based on state and local testing. This researched-based reading intervention program is designed so support retained 9th grade and struggling 10th-12th-grade readers by accelerating their reading growth. The program directly addresses individual needs through adaptive and instructional software, high interest literature, and direct rBook instruction in reading, writing, and vocabulary skills.

Reading Intervention II

Course No: 1782

Credit: 1

Prerequisite: Qualified Special Education student; Individual results based on state and local testing. This researched based reading intervention program is designed to support struggling 10th-12th-grade readers by accelerating their reading growth. The program directly addresses individual needs through adaptive and instructional software, high interest literature, and direct rBook instruction in reading, writing, and vocabulary skills.

Reading Intervention III

Course No: 1783

Credit: 1

Prerequisite: Qualified Special Education student; Individual results based on state and local testing. This researched based reading intervention program is designed to support struggling 10th-12th grade readers by accelerating their reading growth. The program directly addresses individual needs through adaptive and instructional software, high interest literature, and direct rBook instruction in reading, writing, and vocabulary skills.

Reading I Read 180 (2PD-SE)

Course No: 1780

Credit: 1

Prerequisite: Qualified Special Education student; Individual results based on state and local testing. This researched-based reading intervention program is designed to support incoming struggling 9th-grade readers by accelerating their reading growth. The program directly addresses individual needs through adaptive and instructional software, high interest literature, and direct rBook instruction in reading, writing, and vocabulary skills.

Reading I

Course No: 1771

Credit: 1

Prerequisite: Individual results based on testing and recommendation of counselor.

Reading I is designed to assist 9th-12th grade students who experience difficulty reading. Students learn study strategies, test-taking skills, and reading and writing processes needed to comprehend a wide variety of texts, including school materials, work-related documents, and pleasure reading.

Reading II

Course No: 1772

Credit: 1

Prerequisite: Individual results based on testing and recommendation of counselor

Reading II is designed to help 10th-12th grade students who continue to experience difficulty reading and need additional reading assistance after the completion of Reading I.

Reading III

Course No: 1773

Credit: 1

Prerequisite: Individual results based on testing and recommendation of counselor.

Reading III helps 11th and 12th grade students who continue to experience difficulty reading and need additional reading assistance after the completion of Reading II.

Research/Technical writing

Course No: 1554

Credit: ½

Course No: 1710

Credit: 1

In this course, students research and interpret data in order to create a variety of technical reports, proposals, instructions, and summaries. Instruction emphasizes clarity and accuracy in written expression and the effective organization and presentation of information. Students also practice oral presentation skills to facilitate effective workplace communication.

SAT College Ready

Course No: 1706

Credit: ½

Prerequisite: 11th grade

This SAT preparation course is designed to introduce and reinforce the skills students need to earn high scores on the SAT critical reading, writing, and math sections. Instructors cover math concepts in arithmetic, algebra, geometry, and probability. Teachers also target reading and writing competencies, supplement vocabulary, and review test-taking strategies. Students take exams and receive personalized reports detailing their performances to help them better understand their individual strengths and weaknesses.

Scholastic Aptitude Test Preparation

Course No: 1705 (1 year course)

Course No: 1706 (semester course)

Prerequisite: 10th or 11th grade status and counselor recommendation

The SAT preparation course is designed to introduce and reinforce the skills students need to improve student test scores on the critical reading, writing, and math sections of the SAT. Instructors cover math concepts in arithmetic, algebra, geometry, and probability. Teachers also target reading and writing competencies, supplement vocabulary, and review test-taking strategies. Students take on-going diagnostic exams and receive personalized reports detailing their performances to help them better understand their individual strengths and weaknesses.

Visual Media Analysis & Production

ENGLISH new course

Credit: ½

Students interpret various media forms for a variety of purposes, critique and analyze the significance of visual representations and learn to produce media messages to communicate a specific purpose with others.

Yearbook I, II, III

Course No: 1751 (I), 1752 (II), 1753(III)

Credit: 1

In this course, students gain laboratory experience in magazine production as they design and publish school yearbooks. Student receive instruction in writing copy, preparing computer copies, creating page layouts, designing, photo-cropping, and editing. Yearbook students occasionally stay after school to complete assignments prior to deadlines.



Mathematics

Advanced Quantitative Reasoning

Course No: 2524

Credit: 1

Prerequisite: Algebra 2

Students continue to build upon the K–8, algebra, and geometry foundations as they expand their understanding through further mathematical experiences. Advanced Mathematical Decision Making includes the analysis of information using statistical methods and probability, modeling change and mathematical relationships, and spatial and geometric modeling for mathematical reasoning. Students learn to become critical consumers of real-world quantitative data, knowledgeable problem solvers who use logical reasoning and mathematical thinkers who can use their quantitative skills to solve authentic problems. Students develop critical skills for success in college

and careers, including investigation, research, collaboration, and both written and oral communication of their work, as they solve problems in many types of applied situations.

Algebra I

Course No: 2214

Credit: 1

Prerequisite: 8th Grade Math or equivalent

This course is the entry-level mathematics course and is a Prerequisite for all other mathematics courses. Students investigate real numbers, linear equations and inequalities as well as linear, quadratic and other non-linear functions. Students need to understand a function is a fundamental mathematical concept and expresses a special kind of relationship between two quantities. Students are required to evaluate and solve linear and non-linear functions with and without technology tools and use a variety of representations to model mathematical situations.

Algebra 1 Pre-AP

Course No: 2215

Credit: 1

Prerequisite: 8th Grade Math or equivalent

This course provides a foundation for high school mathematics. Students will learn all concepts addressed in Algebra I with the expectation of understanding the applications of functions through extensive problem solving. Students will learn all coursework offered in the traditional algebra course with an additional emphasis on selected topics to apply critical thinking, problem solving, and the use of techniques and tools for algebraic thinking.

Algebra 1 Pre-AP/GT

Course No: 2216

Credit: 1

Prerequisite: 8th Grade Math or equivalent

This course will address all topics in the Algebra I Pre-AP course. Students will be expected to demonstrate mastery of math concepts through a strategic problem solving model and the math process standards. Students will learn all coursework offered in the traditional algebra course with an additional emphasis on selected topics to apply critical thinking, problem solving, and the use of techniques and tools for algebraic thinking. Selected course topics will be covered in greater depth and complexity by GT students.

Algebra II

Course No: 2233

Credit: 1

Prerequisite: Algebra 1

This course expands the mathematical concepts mastered in Algebra I. Students learn to express and analyze relationships through the study of logarithmic, square root, cubic, cube root, absolute value, rational functions and related equations. Students will connect functions to their inverses in mathematical and real-world situations. Students will evaluate and solve parent functions and their

inverses using a variety of methods with and without technology.

Algebra II Pre-AP

Course No: 2234

Credit: 1

Prerequisite: Algebra 1

This course will address all topics offered in the Algebra II course. This Pre-AP class prepares students for higher mathematics by requiring students to use more advanced mathematical techniques supported by non-calculator methods of problem-solving. Extensive reading, writing, and use of a graphing calculator are required.

Algebra II Pre-AP/GT

Course No: 2235

Credit: 1

Prerequisite: Algebra 1

This Pre-AP course is a third year mathematics course. The course will address all topics offered in the Algebra II Pre-AP course. This Pre-AP class prepares students for higher mathematics by requiring students to use more advanced mathematical techniques supported by non-calculator methods of problem-solving. Expect an emphasis on critical thinking, reading and writing in applying algebraic and geometric concepts to real world situations. Selected course topics will be covered in greater depth and complexity by the GT students.

BSC Algebra I

Course No: 9121

Prerequisite: ARD/IEP recommendation

Modified curriculum of the key elements of the Algebra I TEKS and taught by the special education teacher. The student's IEP must be followed.

BSC Geometry

Course No: 9122

Prerequisite: ARD/IEP recommendation

Modified curriculum of the key elements of the Geometry TEKS and taught by the special education teacher. The student's IEP must be followed.

BSC Math Model Applications

Course No: 9123

Prerequisite: ARD/IEP recommendation

Modified curriculum of the key elements of the Math Model Application TEKS and taught by the special education teacher. The student's IEP must be followed.



Calculus AB

Course No: 2481

Credit: 1

Prerequisite: Geometry, Algebra 2, Pre-Calculus

This course follows the College Board Advanced Placement guidelines for AP Calculus AB. Concepts include analysis of functions, graphs, limits,

derivatives and integrals. Applications for each of these will be explored. The course prepares students for the AP exam through which the student may receive college credit.



Calculus BC

Course No: 2482

Credit: 1

Prerequisite: Geometry, Algebra 2, Pre-Calculus

This course follows the College Board Advanced Placement guidelines for AP Calculus BC. Concepts include analysis of functions, graphs, limits, derivatives. Integrals, planar curves, and series. Applications for each of these will be explored. The course prepares students for the AP exam through which the student may receive college credit.

College Prep Math

Course No: 1708

Credit: 1

Prerequisite: 12th grade; credit for Algebra I, Geometry, and Algebra II; passed Algebra 1 EOC

This course addresses a variety of mathematical topics needed to prepare students success in College-level mathematics. In addition, the course supports students in developing skills and strategies needed to succeed in college. Mathematics topics include: numeracy with an emphasis on estimation and fluency with large numbers, manipulating and evaluating expressions and formulas that include perimeter, area, and volume; rates, ratios, and proportions, percentages, solving equations, linear equations and inequalities, linear systems, exponential models, data interpretations including graphs and tables; verbal, algebraic, and graphical interpretations of functions.

Geometry

Course No: 2224

Credit: 1

Prerequisite: Algebra 1

This course includes the study of plane and solid geometry, coordinate geometry, and transformational geometry. Students will learn traditional and non-traditional proofs, transformations, similarities, area and volume. Students will use a variety of representations, tools, and technology to solve meaningful problems. Students will analyze geometric relationships to make and verify conjectures and apply logical reasoning to justify and prove mathematical statements, apply concepts of congruence, similarity, and dimensionality.

Geometry Pre-AP

Course No: 2225

Credit: 1

Prerequisite: Algebra 1

This Pre-AP course is a second year mathematics course. Students will use algebraic and geometric thinking as well as symbolic and spatial reasoning to understand and apply mathematical concepts. Students will learn all coursework offered in the

traditional geometry course with an additional emphasis on selected topics to apply critical thinking, problem solving, and the use of techniques and tools for algebraic and geometric thinking.

Geometry Pre-AP/GT

Course No: 2226

Credit: 1

Prerequisite: Algebra 1

This course develops an awareness of the structure of a mathematical system connecting definitions, postulates, theorems, logical reasoning, transformations, proofs, and coordinate geometry. In this course, students analyze geometric relationships in order to make and verify conjectures. This Pre-AP/GT class requires students to problem solve using more advanced mathematical techniques preparing students for higher mathematics including extensive reading and writing. Selected course topics will be covered in greater depth and complexity by GT students.

Mathematical Models with Applications

Course No: 2284

Credit: 1

Prerequisite: Algebra 1

In Mathematical Models with Applications, students continue to build on the K-8 and Algebra I foundations as they expand their understanding through other mathematical experiences. Students use algebraic, graphical, and geometric reasoning to recognize patterns and structure, to model information, and to solve problems from various disciplines. Students use mathematical methods to model and solve real-life applied problems involving money, data, chance, patterns, music, design, and science. Students use mathematical models from algebra, geometry, probability, and statistics and connections among these to solve problems from a wide variety of advanced applications in both mathematical and nonmathematical situations. Students use a variety of representations (concrete, pictorial, numerical, symbolic, graphical, and verbal), tools, and technology (including, but not limited to, calculators with graphing capabilities, data collection devices, and computers) to link modeling techniques and purely mathematical concepts and to solve applied problems.

Pre-Calculus

Course No: 2471

Credit: 1

Prerequisite: Geometry, Algebra 2

In Pre-calculus, students use symbolic reasoning and analytical methods to represent mathematical situations, express generalizations, and study mathematical concepts. Functions, equations, and limits are used to analyze and understand a broad variety of mathematical relationships. Students use functions and symbolic reasoning to connect concepts in geometry, probability, statistics, trigonometry, and calculus in order to model physical situations. Critical skills include working

with multiple representations, tools, and technology to model functions and solve real-life problems.

Pre-Calculus Pre-AP/GT

Course No: 2473

Credit: 1

Prerequisite: Geometry, Algebra 2

In Pre-AP/GT Pre-calculus, students use symbolic reasoning and analytical methods to represent mathematical situations, express generalizations, and study mathematical concepts. Functions, equations, and limits are used to analyze and understand broad variety of mathematical relationships. Students use functions and symbolic reasoning to connect concepts in geometry, probability, statistics, and trigonometry in order to model physical situations. Critical skills include working with multiple representations and applying tools and technology to model functions and solve real-life problems. Foundational concepts for the study of calculus are emphasized. Selected course topics will be covered in greater depth and complexity by GT students.



DE Pre-Calculus DC

Course No: 2884

Credit: 1

Prerequisite: Geometry, Algebra 2, Teacher and Counselor Recommendation

In discovery pre-calculus, a creative and connected approach teaches students deepen and extend their knowledge of functions, graphs, and equations from their high school algebra and geometry courses so that they can successfully work with the concepts in a rigorous university-level calculus course. This course is designed to push students well beyond "drill and kill" exercises, emphasizing conceptual understanding of mathematical definitions and developing logical arguments with their peers. Students will receive college credit from The University of Texas at Austin upon successful completion of this course.

Scholastic Aptitude Test Preparation (SAT Prep)

Year-Long Course No: 1705

Semester Course No: 1706

Prerequisite: 10th or 11th grade Status and Counselor Recommendation

The SAT preparation course is designed to introduce and enrich the skills needed to improve student test scores on the critical reading, writing and math sections of the SAT. During this class, instructors cover math concepts and test taking strategies in general Arithmetic, Algebra, Geometry, and Probability. They will also target reading and writing competencies along with supplementary vocabulary. The students will be required to take on-going diagnostic exams and will receive personalized reports aimed at better understand individual strengths and weaknesses for test preparation.



Statistics

Course No: 2491

Credit: 1

Prerequisite: Geometry, Algebra 2

This course provides students with the opportunity to collect, analyze, and display quantitative data from business, physical and social sciences, engineering, and mathematical applications. This course follows the College Board Advanced Placement guidelines for AP Statistics and prepares students for the AP exam through which the student may receive college credit.



DE Statistics DC

Course No: 2885

Credit: 1

Prerequisite: Algebra 2, Teacher and Counselor Recommendation

Data Analysis for Health Sciences is built upon the idea that hands-on learning is an important and powerful way to learn. This course is designed to help students learn the basics of data analysis, including the descriptive and inferential statistical procedures that are commonly used in basic statistical research. Students will learn techniques for graphing and describing data; explore common function patterns, be introduced to correlation and linear regression; learn the basic principles of hypothesis testing and the inferences that can be drawn from them; and develop skills necessary for evaluating the conditional probability of events. Students will receive college credit from The University of Texas at Austin upon successful completion of this course.



Science

Anatomy/Physiology of Human Systems

Course No: 7608

Credit: 1

Prerequisite: Biology, Chemistry, Physics (recommended)

This course offers students further study in human life science processes and structures. Laboratory and computer assisted dissections and study of related animal body parts will facilitate understanding and knowledge necessary for careers in medical and health-related fields. Studies include current technological equipment and applications.

Astronomy

Course No: 3621

Credit: 1

Prerequisite: Biology (recommended)

Astronomy is the study of the positions, motions, structure, and history of objects in the universe, and the physical laws that govern them. Specific topics include characteristics and comparisons of the planets and galaxies, and the possibility of extraterrestrial life.

Biology

Course No: 3224

Credit: 1

Prerequisite: None

Students will construct testable explanations and predictions in the study of biology concepts and processes such as structures and functions of cells and viruses; growth and development of organisms; cells, tissues, and organs; nucleic acids and genetics; biological evolution; taxonomy; metabolism and energy transfers in living organism; living systems; homeostasis; and ecosystems.



Biology

Course No: 3230, GT Course No: 3231

Credit: 1

Prerequisite: Biology and Chemistry

AP Biology is an introductory college-level biology course. This course follows the College Board Advanced Placement guidelines and prepares students for the AP exam through which the student may receive college credit. Concepts presented include biochemistry, cytology, bioenergetics, genetics, evolution, ecology, and animal and plant systems. Sophisticated lab techniques are included in this program.

Biology I Pre-AP

Course No: 3225

Credit: 1

Prerequisite: None

This course provides a more in-depth study of biology topics with strong emphasis on lab research and preparation for AP Biology. Students will be required to produce science fair projects.

Biology I Pre-AP/GT

Course No: 3226

Credit: 1

Prerequisite: None

This course provides a more in-depth study of biology topics with strong emphasis on lab research and preparation for AP Biology. GT students will cover selected course topics in greater depth and complexity with increased opportunities for reading and writing of self-selected science topics and case studies. Students will produce long-term research projects and participate in science fair.

BSC Biology

Course No: 9131

Prerequisite: ARD/IEP recommendation

Modified curriculum of the key elements of the Biology TEKS and taught by a special education teacher. The student's IEP must be followed.

BSC Integrated Physics and Chemistry (IPC)

Course No: 9132

Prerequisite: ARD/IEP recommendation

Modified curriculum of the key elements of the IPC TEKS and taught by a special education teacher. The student's IEP must be followed.

Chemistry

Course No: 3243

Credit: 1

Prerequisite: Biology and Algebra I

Students will study chemistry concepts to include the characteristics of matter, use of the Periodic Table, atomic theory and chemical bonding, chemical stoichiometry, gas laws, solution chemistry, thermochemistry, and nuclear chemistry. Students will apply advanced mathematics to solve complex problems.



Chemistry

Course No: 3250

Credit: 1

Prerequisite: Chemistry and Algebra II

AP Chemistry provides students with a college-level foundation to support future advanced course work in chemistry. This course follows the College Board Advanced Placement guidelines and prepares students for the AP exam through which the student may receive college credit. Major topics include structure of matter, states of matter, reactions, enthalpy, solution chemistry and descriptive chemistry. In addition to sophisticated lab techniques, the use of computer technology and modern scientific equipment will be stressed.

Chemistry I Pre-AP

Course No: 3244

Credit: 1

Prerequisite: Biology and Algebra I

This course provides a more in-depth study of chemistry topics with strong emphasis on lab research and preparation for AP Chemistry. Students will be required to produce science fair projects.

Chemistry I Pre-AP/GT

Course No: 3245

Credit: 1

Prerequisite: Biology and Algebra I

This course provides a more in-depth study with strong emphasis on lab research and preparation for AP Chemistry. GT students will cover selected course topics in greater depth and complexity with increased opportunities for reading and writing of self-selected science topics and case studies. Students will produce science fair projects.



DC Chemistry

UCHEM 301

Course No: 7839

Credit: 1

Prerequisite: Biology, Biology EOC (Level II), Chemistry and concurrent enrollment in Algebra II

This is a college-level introductory web-based chemistry course taught in conjunction with a University of Texas at Austin college professor. Students receive course lectures, assignments, and tests online. Three hours of college credit are awarded for course completion (provided by college professor). One credit is awarded for a high school science elective course (provided by high school teacher). Students must earn a grade of 75 or above to receive dual credit.



Environmental Science (Elective)

Course No: 3583

Credit: 1

Prerequisite: Biology, Chemistry, Algebra 1, and Environmental Systems

AP Environmental Science is an interdisciplinary course of different areas of study. Topics include earth systems and resources; the living world; population; land and water use; energy resources and consumption; pollution; and global change. The course prepares students for the Advanced Placement examination.

Integrated Physics and Chemistry (IPC)

Course No: 3214

Credit: 1

Prerequisite: None

The IPC course includes laboratory activities that introduce students to the observation and understanding of chemical and physical laws, concepts and properties. Students will investigate practical applications related to the concepts of motion, waves, machines, heat, sound and light, energy transformations, properties of matter, electricity and magnetism.

Physics

Course No: 3263

Credit: 1

Suggested Prerequisite: Algebra I

Students will study physics concepts to include laws of motion; changes in physical systems and conservation of energy and momentum; forces, thermodynamics; characteristics and behaviors of waves, atomic, nuclear and quantum physics.



Physics I

Course No: 3283

Credit: 1

Suggested Prerequisite: None; Recommended: Algebra I, Geometry and be concurrently taking Algebra II or an equivalent course

This course follows the College Board Advanced Placement guidelines in preparation for the AP exam through which students may receive college

credit. Students will explore Newtonian mechanics (including rotational motion); work, energy, and power; mechanical waves and sound; and introductory, simple circuits. Students will be required to produce science fair projects.



Physics II

Course No: 3284

Credit: 1

Suggested Prerequisite: AP Physics 1

This course follows the College Board Advanced Placement guidelines in preparation for the AP exam through which students may receive college credit. Students will explore principles of fluids, thermodynamics, electricity, magnetism, optics, and topics in modern physics.



Physics C: Mechanics

Course No: 3274 (GT)

Credit: 1

Course No: 3275

Credit: 1

Prerequisite: AP Calculus (or concurrently taking Calculus)

AP Physics C is a college-based intensive study that applies both differential and integral calculus and provides instruction in six content areas: kinematics; Newton's laws of motion, work, energy, and power; systems of particles and linear momentum; circular motion and rotation; oscillations and gravitation. This course helps students prepare for the Advanced Placement (AP) examination in this subject.



Physics C: Electricity and Magnetism

Course No: 3294

Course No: 3295 (GT)

Credit: 1

Prerequisite: AP Physics 1 and 2; Calculus (or concurrently taking Calculus)

AP Physics C is a college-based intensive study that applies both differential and integral calculus and builds upon the AP Physics C: Mechanics course by providing instruction in five content areas: Electrostatics, Conductors, capacitors, and dielectrics; electric circuits magnetic fields, and electromagnetism. This course helps students prepare for the Advanced Placement (AP) examination in this subject.

Principles of Technology

Course No: 7833

Credit: 1

Prerequisite: Biology and Algebra I

Students study the laws governing motion; nature of forces in the physical world; laws of the conservation of energy and momentum; thermal energy; properties of wave motion and optics; and atomic, nuclear, and quantum phenomena.

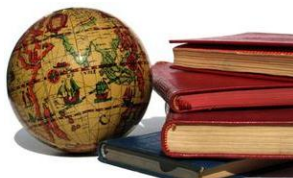
Science Environmental Systems (Elective)

Course No: 3581

Credit: 1

Prerequisite: None

This course includes the biological and physical relationships of organisms to their environment. Laboratory and field studies are used to study problems related to population, air, water and soil pollution, natural resources, and energy resources.



Social Studies

BSC Economics

Course No: 9141

Prerequisite: ARD/IEP committee recommendation
Modified curriculum of the key elements of the Economics TEKS taught by a special education teacher. The student's IEP must be followed.

BSC Government

Course No: 9144

Prerequisite: ARD/IEP committee recommendation
Modified curriculum of the key elements of the Government TEKS taught by a special education teacher. The student's IEP must be followed.

BSC US History

Course No: 9143

Prerequisite: ARD/IEP committee recommendation
Modified curriculum of the key elements of the US History TEKS taught by a special education teacher. The student's IEP must be followed.

BSC World Geography

Course No: 9141

Modified curriculum of the key elements of the World Geography TEKS taught by a special education teacher. The student's IEP must be followed. Prerequisite: ARD/IEP committee recommendation

BSC World History

Course No: 9142

Prerequisite: ARD/IEP committee recommendation
Modified curriculum of the key elements of the World History TEKS and taught by the special education teacher. The student's IEP must be followed.



Economics DC

Course No: 4265

Credit: ½

Prerequisite: None

This course is a study of the principles of economics that apply to an economic system as a whole. Upon

successful completion of this course, students receive three (3) hours of college credit which satisfy requirements for graduation. Students work with an assigned community college for credit

Economics with Emphasis on the Free Enterprise System and Its Benefits

No: 4261 (SH), 4262 (MI), 4264 (CP), 4263 (CS)*

Credit: ½

Prerequisite: None

This course is the culmination of the economic content and concepts studied from Kindergarten through required secondary courses. The focus is on the basic principles concerning production, consumption, and distribution of goods and services (the problem of scarcity) in the United States and a comparison with those in other countries around the world. Students analyze the interaction of supply, demand, and price. Students investigate the concepts of specialization and international trade, economic growth, key economic measurements, and monetary and fiscal policy. The course also incorporates instruction in personal financial literacy.

Government

Course No: 4254, 4253 (CS)*

Credit: ½

Prerequisite: None

In US Government, the focus is on the principles and beliefs upon which the United States was founded and on the structure, functions, and powers of government at the national, state and local levels. Students learn major political ideas and forms of government in history. A significant focus of the course is on the U.S. Constitution, its underlying principles and ideas, and the form of government it created. A summer reading program may be required.



Government

Course No: 4256

Credit: ½

Prerequisite: None

This course is a first-year college level course in American government. The course is designed to examine, in depth, the foundations of the American political system through an extensive review of the nation's Constitution, its three branches of government, the policy making process of the



Government GT

Course No: 4257

Credit: ½

Prerequisite: None

This course is a study of the various institutions, groups, beliefs and ideas that make up the American political reality. This course prepares students to take the AP exam and requires extensive reading and writing.



Government DC

Course No: 4255

Credit: ½

Prerequisite: None

This is a college-level course in which students study national, state, and local government systems, theories of political thought, and principles of American democracy. Upon successful completion of this course, students receive three (3) hours of college credit, which satisfy the SAISD government requirements for graduation. Students work with an assigned junior college for credit requirements, and must earn a grade of 75 or above to receive dual credit.



Human Geography

Course No: 4524

Credit: ½

Prerequisite: None

Human geography is an in-depth thematic study of the world taught and assessed as a college-level course. Students study aspects of geography including its nature and perspectives, population, cultural patterns, political organization of space, agricultural and rural land use, cities and urban land use, and industrialization and economic development.



Macroeconomics

Course No: 4268

Credit: ½

Prerequisite: None

The AP program in economics provides a learning experience equivalent to that obtained in typical college introductory macroeconomics course. Macroeconomics places particular emphasis on the study of national income and price determination; and also develops students' familiarity with economics, performance measures, economic growth, and international economics. Students are encouraged to take the Advanced Placement examination. A summer reading program may be required.



Macroeconomics GT

Course No: 4269

Credit: ½

Prerequisite: None

The AP program in economics provides a learning experience equivalent to that obtained in a typical college introductory Macroeconomics course. Macroeconomics places particular emphasis on the study of national income and price determination; and also develops student's familiarity with economics performance measures, economic growth, and international economics. Students are encouraged to take the Advanced Placement Examination.



Microeconomics

Course No: 4266

Credit: ½

Prerequisite: None

The purpose of an AP course in Microeconomics is to give students a thorough understanding of the principles of economics that apply to an economic system as a whole. Such a course places particular emphasis on the study of national income and price determination, and also develops students' familiarity with economic performance measures and economic growth. A summer reading program may be required.



Microeconomics GT

Course No: 4267

Credit: ½

Prerequisite: None

The AP program in economics provides a learning experience equivalent to that obtained in a typical college introductory Microeconomics course. In Microeconomics, students gain a thorough understanding of the principles of economics that apply to the functions of individual decision makers as consumers and producers within the larger economic system. Students are encouraged to take the Advanced Placement examination.

Psychology

Course No: 4520

Credit: ½

Prerequisite: None

This course enables students to study the science of behavior and mental processes. Students examine the full scope of the science of psychology such as the historical framework, methodologies, human development, motivation, emotion, sensation, perception, personality development, cognition, learning, intelligence, biological foundations, mental health, and social psychology. This elective course does not fulfill the social studies requirement for graduation.



Psychology

Course No: 4521

Credit: ½

Prerequisite: None

This is an introductory college course in psychology that provides students with a learning experience commensurate with a college introductory course. This course introduces students to the systemic and scientific study of behavior and mental processes of human beings and animals. This course is ideally suited for those students planning a major in Liberal Arts. Students are encouraged to take the Advanced Placement examination. This elective course does not fulfill the social studies requirement for graduation.



Psychology DC

Course No: 4523

Credit: ½

Prerequisite: None

In this introductory college-level course, students consider the development of the individual and personality. The study of Psychology is based on a historical framework and relies on effective collection and analysis of data. Students study topics such as theories of human development, personality, motivation, and learning. Students will work with an assigned community college for credit requirements and must earn a grade of 75 or above to receive dual credit. This elective course does not fulfill the social studies requirement for graduation.



Sociology DC

Course No: 4518

Credit: ½

Prerequisite: None

In this introductory college level course, students study dynamics and models of individual and group relationships. Students study topics such as the history and systems of sociology, cultural and social norms, social institutions, and mass communication. Students will work with an assigned community college for credit requirements, and must earn a grade of 75 or above to receive dual credit.

Sociology

Course No: 4519

Credit: ½

Prerequisite: None

This course is an introductory study in social behavior and organization of human society. This course will describe the development of the field as a social science by identifying methods and strategies of research leading to an understanding of how the individual relates to society and the ever-changing world. Students learn the importance and role of culture, social structure, socialization, and social change in today's society. This elective course does not fulfill the social studies requirement for graduation.

Special Topics

Course No: 4510 (10th Grade), 4511 (11th Grade), 4512 (12th Grade)

Credit: ½*

Prerequisite: None

In Special Topics in Social Studies, students are provided the opportunity to develop a greater understanding of the historic, political, economic, geographic, multicultural, and social forces that have shaped their lives and the world in which they live. Students will use social science knowledge and skills to engage in rational and logical analysis of complex problems using a variety of approaches, while recognizing and appreciating diverse human perspectives. *Students may earn a maximum of 2 credits.

US History

Course No: 4234

Credit: 1

Prerequisite: None

In United States History since 1877, which is the second part of a two-year study that begins in Grade 8. Students study the history of the United States from 1877 to the present. The course content is based on the founding documents of the U.S. government, which provide a framework for its heritage. Historical content focuses on the political, economic, and social events and issues related to industrialization and urbanization, major wars, domestic and foreign policies, and reform movements, including civil rights.



US History

Course No: 4236

Credit: 1

Prerequisite: None

This course is designed to provide students with the analytic skills and factual knowledge necessary to deal critically with the problems and materials in U.S. History. An AP U.S. History course develops the skills necessary to arrive at conclusions on the basis of an informed judgment and presents reasons and evidence clearly and persuasively in essay format. A summer reading program may be required.



US History DC

Course No: 4235

Credit: 1

Prerequisite: None

This is an introductory college course that covers U.S. History from exploration to current times. The course is designed to cover U.S. historical cultural, social, and political events that have played a significant part in the development of the history of the United States. Students work with the assigned community college for credit requirements and must earn a grade of 75 or above to receive dual credit.



US History GT

Course No: 4237

Credit: 1

Prerequisite: None

This is a college course that covers U.S. History from exploration to current times. The course is designed to cover U.S. historical, cultural, social, and political events that have played a significant part in the development of the history of the United States. This course is ideally suited for those students planning to major in Liberal Arts at the college level or for those who are seeking advanced standing in college studies through the passage of the Advanced Placement, CLEP or departmental testing programs. Students are encouraged to take the Advanced Placement Examination. This course satisfies the U.S. history credit for graduation.

World Geography

Course No: 4214

Credit: 1

Prerequisite: None

In World Geography, students examine people, places, and environments at local, regional, national, and international scales from the spatial and ecological perspectives of geography. A significant portion of the course centers around the physical processes that shape patterns in the physical environment; the characteristics of major land forms, climates, and ecosystems and their interrelationships; the political, economic and social processes that shape cultural patterns of regions; types and patterns of settlements; the distribution and movement of world population; relationships among people, places and environments; and the concept of region. Students use problem-solving and decision-making skills to ask and answer geographic questions.

World Geography Pre-AP/GT

Course No: 4216

Credit: 1

Prerequisite: None

This course includes the same broad topics of study as World Geography. The emphasis is on reaching and evaluating literature, journal articles, current events, and preparing research projects. The skills taught in this course prepare students for success in AP courses.

World Geography Pre-AP

Course No: 4215

Credit: 1

Prerequisite: None

This Pre-AP course is an enriched and more comprehensive coverage of the regular world geography course. Emphasis is placed on the in-depth study of topic areas. The course introduces skills, concepts and assessment methods that prepare students for success when they take the AP exam and other challenging courses.

World History

Course No: 4224

Credit: 1

Prerequisite: None

World History is the only course offering students an overview of the entire history of humankind. The major emphasis is on the study of significant people, events, and issues from the earliest times to the present. Traditional historical points of reference in world history are identified as students analyze important events and issues in western civilization as well as in civilizations in other parts of the world.



World History

Course No: 4229

Credit: 1

Prerequisite: None

This course is designed to develop a greater understanding of the evolution of global processes

and contacts, in interaction with different types of human societies. Focused primarily on the past thousand years of history, the course builds on an understanding of cultural, instructional and technological precedents that, along with geography, set the human stage prior to 1000 C.E. A summer reading program may be required.



World History AP/GT

Course No: 4230

Credit: 1

Prerequisite: None

This course is designed to develop a greater understanding of the evolution of global processes and contacts, in interaction with different types of human societies. Focused primarily on the past thousand years of world history, the course builds on an understanding of cultural, instructional and technological precedents that, along with geography, set the human stage prior to 1000 C.E. A summer reading program may be required.

World History Pre-AP

Course No: 4225

Credit: 1

Prerequisite: None

This Pre-AP course is an enriched and more comprehensive coverage of the regular World History course. Emphasis is placed on in-depth study of topic areas. Pre-AP World History introduces skills, concepts, and assessment methods that prepare the students for success when they take AP exam and other challenging courses. Crucial academic skills such as learning skills, writing skills, and analytical skills are stressed throughout the year.

World History Pre-AP/GT

Course No: 4226

Credit: 1

Prerequisite: None

This course will provide students with analytical skills and factual knowledge necessary to deal critically with the study of world history. Emphasis is on people, politics, culture, events and a study of man's Western heritage and of significant non-Western cultures. Students must meet requirements for admission to AP courses and be recommended by their Pre-AP World History teacher.



Law Magnet Strand at Fox Tech High School

Civil Law

Course No: 4515 (Grade 11)

Credit: ½

Prerequisite: Legal Communication Foundations of the American Legal System

This course provides students the opportunity to explore, through lecture, research and first-hand experience, the components of torts and contracts as they relate to our judicial system. Students will conduct mock trials to gain a clear understanding of "preponderance of evidence" vs. "without a doubt" in determining guilt. St. Mary's University law professors, law students and members of the San Antonio Bar Association, among others, serve as guest lecturers and mentors.

Criminal Law

Course No: 4516 (Grade 11)

Credit: ½

Prerequisite: Legal Communication Foundations of the American Legal System Civil Law

This course provides students with a basic understanding of crimes against the State. Cases will examine laws from time of arrest through final verdict, including topics such as investigation, jury selection, opening and closing arguments, cross-examinations, and punishment. Mock trials will be conducted to facilitate a thorough understanding of the trial process. St. Mary's University law professors, law students and members of the San Antonio Bar Association will serve as guest lecturers and mentors.

Foundations of the American Legal System

Course No: 4611 (Grade 10)

Credit: ½

Prerequisite: Legal Communication

This course is designed to acquaint students with an overview of law-related professions and a history of the laws that are the basis of the legal system of the United States of America. The history begins with the first known laws and proceeds through time to 1787 and the writing of the Constitution. Students will be accountable for research, reading and writing on various constitutional issues. Debates and mock trials are incorporated into this course. The mock trials encompass all landmark decisions by the United States Supreme Court.

Legal Communication

Course No: 1551

Credit: ½

Prerequisite: None

The purpose of this magnet course is to elevate students' writing skills beyond grade level and to increase their knowledge of writing for a variety of practical purposes. Special emphasis is placed on reading and writing activities specific to the legal process in the context of civil and criminal court cases. This course was created to develop and motivate students to improve their oral communication skills while exposing students to components of the public speaking process and to variations of speech planning in the form of oral arguments for legal cases.

Special Topics Advanced (Legal Internship)

Course No: 4613 (Grade 12)

Credit: ½

Prerequisite: All courses in Law Strand and Teacher Approval

Legal Internship provides students with the opportunity to put into practice the knowledge and skills they have obtained during their three previous years in the Law Magnet Strand. Students will select an area of law that is most interesting to them, and every effort will be made to match students to the appropriate placement. The Internship will take place during the course of the regular school day.

Special Topics SS (Legal Research)

Course No: 4612 (Grade 12)

Credit: 1

Prerequisite: All courses in Law Strand

This course will teach students how lawyers acquire the legal knowledge necessary for competent client representation. It focuses on critical skills lawyers employ on behalf of clients: legal research. Students learn to assess the strengths and weaknesses of cases as well as learn how to negotiate effectively, argue a case convincingly, and write persuasive briefs. Debates and mock trials are incorporated into this course; however, the mock trials at this level encompass civil, criminal and Constitutional cases. Students will also become well informed about the current state of the law.



Languages Other Than English (LOTE)

American Sign Language (ASL) I-IV

Course No: 5301,5302,5303,5304

Credit: 1

Prerequisite: None

Students will learn to understand short phrases signed to them in American Sign Language (ASL). They will be able to produce the alphabet, words,

phrases and sentences in sign. They will learn to transcribe ASL into standard English, and will learn the connection between deaf culture and communication.

Chinese I

Course No: 5261

Credit: 1

Prerequisite: None

Students use compelling stories, games, videos, and multimedia experiences in this introduction to Chinese. They learn the elegant simplicity of Chinese grammar and the subtleties of Chinese pronunciation through entertaining lessons that give a base of conversational ability and listening comprehension. Students build a foundation for reading and writing in the Chinese language through an adaptive technology that lets them choose an approach that works best for them. All-new graphics, video, and games keep students engaged, making learning languages exciting. An integrated, game-based reward system keeps learners motivated and eager to progress.

Chinese II

Course No: 5262

Credit: 1

Prerequisite: Chinese I or equivalent

Students continue with engaging stories, games, videos, and multimedia experiences in this second level of Chinese. Students further their understanding of Chinese grammar and pronunciation through lessons refining previous practice of conversational ability and listening comprehension. Innovative cultural videos and lessons build awareness of the rich legacy of Chinese culture. Students expand their foundations for reading and writing in Chinese through adaptive technology, providing opportunities to generate fun narratives, a range of well-formed sentences reflecting a solid grasp of grammar structures, and a wide vocabulary. All new graphics, video, and games keep students engaged, making learning languages exciting. An integrated, game-based reward system keeps learners motivated and eager to progress.

French I

Course No: 5231

Credit: 1

Prerequisite: None

French I is designed to develop listening, speaking, reading, and writing skills. This course emphasizes grammar, culture, communication, learning strategies, and technology. Students learn to use language meaningfully and begin to develop the ability to communicate in French.

French II

Course No: 5233

Credit: 1

Prerequisite: French II

French II reviews and further develops communication skills taught in French I by using language, grammar, culture, technology, and

reading skills. This course emphasizes the process of speaking, reading, and writing. The reading selections are taken from a variety of sources including authentic documents, i.e., letters, newspapers, magazines, stories, dramas, novels, and poetry. Students gain knowledge in order to understand cultural practices. Students practice all forms of writing. An on-going effort is made to develop the student's ability to express ideas and to think in French.

French III Pre-AP

Course No: 5236

Credit: 1

Prerequisite: French II

French III Pre-AP is designed to provide students opportunities to reach intermediate proficiency in the skills of listening, speaking, reading, and writing. This course allows students to prepare for the Advanced Placement Language and Culture Examination by using critical thinking skills that focus on comprehension of French literature and expository composition. Readings include excerpts from French literature as well as current magazine and newspaper articles. Students write compositions of 100-150 words with accuracy. This course also expands awareness, understanding, and appreciation of other cultures. French III Pre-AP reinforces reading and writing.



French IV AP Language & Culture

Course No: 5237

Credit: 1

Prerequisite: French III

French IV AP Language is a continuation of the study of French equivalent to third year college level, with an emphasis on preparing students for the College Board Advanced Placement Language and Culture Examination. Students may receive college credit after successfully passing the Advanced Placement Language and Culture Exam. This course encompasses aural/oral skills, reading comprehension, grammar, and composition. Students acquire accuracy in verb forms, and increase speaking, and writing skills. Students will write timed compositions of 150-200 words with a high degree of verbal and structural accuracy. This course is designed to promote proficiency in French and enable the student to explore culture in contemporary and historical contexts.



French V AP Literature & Culture

Course No: 5238

Credit: 1

Prerequisite: French IV

French V AP is a continuation of the study of French equivalent to third year college level. Students may receive college credit after successfully passing the Advanced Placement Literature Exam. This course is conducted entirely in French and uses high-level critical-thinking skills that develop proficiency in

listening, speaking, reading, and writing with an emphasis on reading. The student is exposed to a variety of genre, themes, style, length, and varying degrees of difficulty in reading. The advanced learner reads and comprehends selected authors' prose and poetry. Students synthesize themes and cite sources read. The student must compose essays of 250 words in length.

French VI Independent Study

Course No: 5239

Credit: 1

Prerequisite: French V

French VI is an advanced measure and independent study course designed to facilitate the production of original literature study. Students, with the guidance of their teacher, build a portfolio of products/literary studies as a process towards a final presentation. Assessment is an ongoing process; all work is part of the process and counts toward a grade. Final written and oral report demonstrates their ability to write, edit, and revise in French.

German I

Course No: 5251

Credit: 1

Prerequisite: None

German I develops listening, speaking, reading, and writing skills. This course emphasizes grammar, culture, communication, learning strategies, and technology. Students learn to use language meaningfully and begin to develop the facility to communicate in German. Students interpret the possible influences of the historical and cultural context on literary selections.

German II

Course No: 5253

Credit: 1

Prerequisite: German I

German II reviews and further develops communication skills taught in German I by using language, grammar, culture, technology, and reading skills. This course gives emphasis to the process of speaking, reading, and writing. The reading selections are taken from a variety of sources including authentic documents, i.e., letters, newspapers, magazines, stories, dramas, novels, and poetry. Students gain knowledge in order to understand cultural practices. Students practice all forms of writing. An on-going effort is made to develop the student's ability to express ideas to think in German.

German III

Course No: 5255

Credit: 1

Prerequisite: German II

German III Pre-AP is designed to provide students opportunities to reach intermediate proficiency in the skills of listening, speaking, reading, and writing. This course allows students to prepare for the Advanced Placement Language Examination by using critical thinking skills that focus on the

development of comprehension of German literature and expository composition. Readings include excerpts from German literature as well as current magazine and newspaper articles. Students write compositions of 100-150 words with accuracy. This course also expands awareness, understanding, and appreciation of the other cultures. German III Pre-AP reinforces reading and writing.



German IV AP Language & Culture

Course No: 5257

Credit: 1

Prerequisite: German III

German IV AP Language is a continuation of the study of German equivalent to third year college level, with an emphasis on preparing students for the College Board Advanced Placement Language and Culture Examination. Students may receive college credit after successfully passing the Advanced Placement Language and Culture Exam. This course encompasses aural/oral skills, reading comprehension, grammar, and composition. Students will write timed compositions with a high degree of verbal and structural accuracy. This course is designed to promote proficiency in German and enable the student to explore culture in contemporary and historical contexts.

German V

Course No: 5258

Credit: 1

Prerequisite: German IV

German V is a continuation of the study of German at the third year college level with an emphasis on Literature. This course uses high-level critical-thinking skills that develop proficiency in reading. The skills of listening, speaking, and writing reinforce the skill of reading. The student is exposed to a variety of genres, themes, style length, and degree of difficulty in reading. The advanced learner reads and comprehends authentic texts of prose and poetry of selected authors. The student must write essays of 100 words in length written in 40 minutes.

German VI

Course No: 5259

Credit: 1

Prerequisite: German V

German VI is an advanced measure and independent study course designed to facilitate the production of original literature study. Students, with the guidance of their teacher, build a portfolio of products/literary studies as a process towards a final presentation. Assessment is an ongoing process; all work is part of the process and counts toward a grade. Final written and oral report demonstrates their ability to write, edit, and revise in German

Japanese I

Course No: 5271

Credit: 1

Prerequisite: None

Japanese I develops listening, speaking, reading, and writing skills. This course emphasizes grammar, culture, communication, learning strategies, and technology. Students learn to use language meaningfully and begin to develop the facility to communicate in Japanese. Students demonstrate an understanding of the practices, perspectives, and products of the Japanese culture.

Japanese II

Course No: 5272

Credit: 1

Prerequisite: Japanese I

Japanese II reviews and further develops communication skills taught in Japanese I by using language, grammar, culture, technology, and reading skills. This course gives emphasis to the process of speaking, reading, and writing. Students gain knowledge in order to understand cultural practices. Students practice all forms of writing. An on-going effort is made to develop the student's ability to express ideas to think in Japanese.

Japanese III

Course No: 5273

Credit: 1

Prerequisite: Japanese II

Japanese III is designed to provide students opportunities to reach intermediate proficiency in the skills of listening, speaking, reading, and writing. Students use critical thinking skills that focus on the development of comprehension of Japanese literature and expository composition. Readings include excerpts from Japanese literature as well as current magazine and newspaper articles. Students write compositions of 100 words with accuracy.

This course also expands awareness, understanding, and appreciation of the other cultures. Japanese III reinforces reading and writing.

Japanese IV

Course No: 5274

Credit: 1

Prerequisite: Japanese III

Japanese IV is a continuation of the study of Japanese. This course uses high-level critical-thinking skills that develop proficiency in listening, speaking, reading, and writing. The advanced learner will read and summarize authentic text of selected authors. The reading selections are taken from a variety of sources including authentic documents, i.e. letters, newspapers, magazines, stories, dramas, novels, and poetry. This course encompasses aural /oral skills, reading, comprehension, grammar, and composition. Students will write compositions of 100-150 words with a high degree of verbal and structural accuracy.

Japanese V

Course No: 5275

Credit: 1

Prerequisite: Japanese IV

Japanese V is a continuation of the study of Japanese. This course uses high-level critical-

thinking skills that develop proficiency in listening, speaking, reading, and writing. This course emphasizes reading. The student is exposed to a variety of genre, themes, styles, length, and degree of difficulty in reading. The advanced learner reads and comprehends authentic texts of prose and poetry of selected authors.

Japanese VI

Course No: 5276

Credit: 1

Prerequisite: Japanese V

Japanese VI is an advanced measure and independent study course designed to facilitate the production of original literature study. Students, with the guidance of their teacher, build a portfolio of products/literary studies as a process towards a final presentation. Assessment is an ongoing process; all work is part of the process and counts toward a grade. Final written and oral report demonstrates their ability to write, edit, and revise in Japanese.

Latin I

Course No: 5291

Credit: 1

Prerequisite: None

Latin I develops listening, speaking, reading, and writing skills. This course emphasizes grammar, culture, communication, learning strategies, and technology. Students learn to use language meaningfully and develop the ability to communicate in Latin. Students interpret the possible influences of the historical and cultural context on literary selections.

Latin II

Course No: 5292

Credit: 1

Prerequisite: Latin I

Latin II reviews and further develops communication skills taught in Latin I by using language, grammar, culture, technology, and reading skills. This course emphasizes the process of speaking, reading, and writing. The reading selections are taken from a variety of sources including authentic documents, i.e., letters, newspapers, magazines, stories, dramas, novels, and poetry. Students gain knowledge in order to understand cultural practices. Students practice all forms of writing. An on-going effort is made to develop the student's ability to express ideas and to think in Latin.

Latin III

Course No: 5293

Credit: 1

Prerequisite: Latin II

Latin III Pre-AP is designed to provide students opportunities to reach intermediate proficiency in the skills of listening, speaking, reading, and writing. Students use critical thinking skills that focus on the development of comprehension of Latin literature and expository composition. Readings include excerpts from Latin literature as well as current magazine and newspaper articles. Students write

compositions of 100 words with accuracy. This course also expands awareness, understanding, and appreciation of the other cultures. Latin III reinforces reading and writing.

Latin IV Pre-AP

Course No: 5294

Credit: 1

Prerequisite: Latin III

Latin IV is a continuation of the study of Latin. This course uses high-level critical-thinking skills that develop proficiency in listening, speaking, reading, and writing. The advanced learner will read and summarize authentic text of selected authors. This course encompasses aural /oral skills, reading, comprehension, grammar, and composition. Students will write compositions of 100-150 words with a high degree of verbal and structural accuracy.



Latin V AP Virgil

Course No: 5295

Credit: 1

Prerequisite: Latin IV

Latin V AP is a continuation of the study of Latin, with an emphasis on preparing students for the College Board Advanced Placement Latin Examination. Students may receive college credit after successfully passing the Advanced Placement Literature Exam. This course emphasizes reading and uses high-level critical-thinking skills that develop proficiency in listening, speaking, reading and writing. The advanced learner reads and comprehends authentic texts of prose and poetry of selected authors. The student is exposed to a variety of genre, themes, style, length, and degree of difficulty in reading.

Latin VI Independent Study

Course No: 5296

Credit: 1

Prerequisite: Latin V

Latin VI is an advanced measure and independent study course designed to facilitate the production of original literature study. Students, with the guidance of their teacher, build a portfolio of products/literary studies as a process towards a final presentation. Assessment is an ongoing process; all work students do is part of the process and counts toward a grade.

Russian I

Course No: 5281

Credit: 1

Prerequisite: None

As part of the International Studies Schools Network, Russian 1 students will investigate the world, recognize perspectives, communicate ideas and take action. Students read, write, understand and speak Russian from the very first day. They also develop a clear picture of Russian as a language critical to the national security of the United States. Students begin to interpret cultural influences of the

Russian language and appreciate Russian history and culture.

Russian II

Course No: 5282

Credit: 1

Prerequisite: Russian I

Russian II students continue to investigate the world, recognize perspectives, communicate ideas and take action as part of the International Studies Schools Network. They deepen their understanding of the importance of Russian in the 21st-century and improve their overall proficiency.

Students analyze and evaluate Russian culture and history and develop their ability to express ideas and think in Russian.

Russian III

Course No: 5283

Credit: 1

Prerequisite: Russian II

Russian III is an intermediate course in Russian language which emphasizes reading, writing, listening and speaking to develop all-around proficiency. As part of the International Studies Schools Network, these intermediate students further investigate the world, recognize perspectives, communicate ideas and take action. They continue to appreciate Russian language, history and culture through research and action projects, deepening their global perspective and improving their global competence.

Russian IV

Course No: 5284

Credit: 1

Prerequisite: Russian III

International Studies Schools Network students in Russian IV use high-level critical thinking skills to investigate the world, recognize perspectives, communicate ideas and take action. They read, write, listen and speak Russian with the ACTFL Intermediate mid-proficiency level as their goal. Students analyze and evaluate their knowledge of Russian language and culture in order to enhance their global competence. Russian IV is a Pre-AP course that introduces students to the Advanced Placement Prototype Examination in Russian Language and Culture and interactive technology plays a vital role in their learning.

Russian V

Course No: 5285

Credit: 1

Prerequisite: Russian IV

Russian V students investigate the world, recognize perspectives, communicate ideas and take action as part of the International Studies Schools Network. They read, write, listen and speak Russian to further develop their communication skills and global awareness. Students make oral presentations and write essays to advance their proficiency. Research and interactive technology enhance the students' learning.

Russian VI Independent Study

Course No: 5286

Credit: 1

Prerequisite: Russian V

As part of the International Studies Schools Network, Russian VI students will investigate the world, recognize perspectives, communicate ideas and take action. They may demonstrate global awareness and competence through research, presentations, action projects and portfolio assessment.

Spanish I

Course No: 5211

Credit: 1

Prerequisite: None

Spanish I develops listening, speaking, reading, and writing skills. This course emphasizes grammar, culture, communication, learning strategies, and technology. Students learn to use language meaningfully and begin to develop the facility to communicate in Spanish. Development and application of critical-thinking skills are integrated throughout the lessons as students make cross - cultural observations and adjust cultural perceptions. Students interpret the possible influences of the historical and cultural context on literary selections.

Spanish II

Course: 5214

Credit: 1

Prerequisite: Spanish I

Spanish II reviews and further develops communication skills taught in Spanish I by using language, grammar, culture, technology, and reading skills. This course emphasizes to the process of speaking, reading and writing. The reading selections are taken from a variety of sources including authentic magazines, stories, dramas, novels and poetry. Students gain knowledge in order to understand cultural practices. Students practice all forms of writing. An on-going effort is made to develop the student's ability to express ideas and to think in Spanish.

Spanish III

Course No: 5217

Credit: 1

Prerequisite: Spanish II

Spanish III develops the fundamental language skills of listening, speaking, reading, and writing. Learning is organized within the five goal areas: communication, cultures, connections, comparisons, and communities. The performance guidelines for learners are to advance students through the language stages of novice to intermediate proficiency.

Spanish III Pre-AP

Course No: 5218

Credit: 1

Prerequisite: Spanish II

Spanish III Pre-AP is designed to provide students opportunities to reach intermediate proficiency in the skills of listening, speaking, reading, and writing.

This course allows students to prepare for the Advanced Placement Language Examination by using critical thinking skills that focus on the comprehension of Spanish literature and expository composition. Readings include excerpts from Spanish literature as well as current magazine and newspaper articles. Students write compositions of 100-150 words with accuracy. This course also expands awareness, understanding, and appreciation of other cultures. Spanish III Pre-AP reinforces reading and writing.



Spanish III DC: Intermediate Spanish

Course No: 5220/ SAC 2311

Credit: 1

Prerequisite: Spanish II DC

At this intermediate level the student is expected to develop fluency and comprehension of the language as well as the use of more advanced vocabulary in composition and conversation. The language skills of listening, speaking, reading, writing, viewing and showing are further developed. Specialized assignments will continue the study of the culture and introduce literary works at the appropriate level. Students are required to demonstrate an intermediate level of proficiency for credit. Students will receive one high school credit and three hours credit from San Antonio College with this course.



Spanish IV AP Language & Culture

Course No: 5221

Credit: 1

Prerequisite: Spanish III

Spanish IV AP Language is a continuation of the study of Spanish equivalent to third year college level, with an emphasis on preparing students for the College Board Advanced Placement Language Examination. Students may receive college credit after successfully passing the Advanced Placement Language Exam. This course encompasses listening comprehension, reading comprehension, grammar, and composition. Students will write compositions of 200 words with a high degree of vocabulary and structural accuracy, synthesizing and citing different sources without the use of a dictionary to be completed in 45 minutes. Discussions include literary and cultural topics as well as current events. Authentic literary prose and poetry are read. This course incorporates high-level critical-thinking skills to develop proficiency in communication.



Spanish V AP Literature & Culture

Course No: 5222

Credit: 1

Prerequisite: Spanish IV

Spanish V AP is a continuation of the study of Spanish equivalent to third year college level with an emphasis on preparing students for the College Board Advanced Placement Literature and Culture

Examination. Students may receive college credit after successfully passing the Advanced Placement Literature and Culture Exam. This course is conducted entirely in Spanish and uses high-level critical-thinking skills that develop proficiency in interpretive listening, speaking, reading, analysis and writing with an emphasis on text explanation and comparison. The student is exposed to a variety of genre, themes, style, length, and varying degrees of difficulty in reading. The advanced learner reads and comprehends selected authors' prose and poetry. Students synthesize themes and cite sources read. The student must compose essays of 250 words in length written within 40 minutes.

Spanish VI Independent Study

Course No: 5225

Credit: 1

Prerequisite: Spanish V

Spanish VI is an advanced measure and independent study course designed to facilitate the production of original literature study. Students, with the guidance of their teacher, build a portfolio of products/literary studies as a process towards a final presentation. Assessment is an ongoing process; all work is part of the process and counts toward a grade. A final written and oral report demonstrates their ability to write, edit, and revise in Spanish.

according to the plan described in Bulletin GEO 62105 of TEA. The student must also be enrolled concurrently in a music course offered by the school. The private teacher must cover all of the Texas Essential Knowledge and Skills (TEKS) in the course of study. The Band, Choral, or Orchestra Director shall be the Teacher of Record and will verify the quality of the work.

Art I

Course No: 6411

Credit: 1

Prerequisite: None

This course lays the basic foundation for learning art processes, procedures, theories, history, and art appreciation. The approach uses techniques such as drawing, painting, printmaking, fibers, ceramics, sculpture, jewelry, and photography/filmmaking to provide students with a strong foundation in design, drawing, and vocabulary.



Art Drawing

Course No: 6431

Credit: 1

Prerequisite: Art II Drawing

Students in AP Art will develop a drawing portfolio. This course is designated for the talented art student who wishes to pursue college-level studies in art. The course is rigorous and requires 25-35 high-quality pieces by the end of the year.



Art History

Course No: 6432

Credit: 1

Prerequisite: None

This introductory art history course provides an opportunity to understand and enjoy architecture, sculpture, painting, and other art forms within historical and cultural contexts. Students will examine the major forms of artistic expression of the past and present in a variety of cultures. Although no prior experience is needed, the course does require a high degree of commitment to academic work to meet college standards.



Art 3D

Course No: 6436

Credit: 1

Prerequisite: Art III Sculpture/Ceramics

Students develop a portfolio of work that includes interpretation of sculptural issues in depth and space through additive, subtractive, and/or fabrication processes. Proficiency in three-dimensional design must be shown in one or more of the following categories: traditional sculpture, architectural models, apparel, ceramics, fiber arts, and metal work. Works will include a variety of approaches to representation, abstraction, and expression.

Art II Ceramics

Course No: 6418

Credit: 1

Prerequisite: Art I

Students apply ceramic art elements and principles through different methods and materials. They explore methods such as wheel throwing, slab, coil, and pinch; separately and in combination. Students produce functional and experimental two and three-dimensional clay forms. They explore surface treatments such as stamping, scraping, glazing, under glazing, staining, painting, and firing.

Art II Drawing

Course No: 6414

Credit: 1

Prerequisite: Art I

Students explore design elements and principles through composition, abstraction, and expression in drawing. They also study contour gesture, and other techniques, with emphasis on representation of volume. They explore use of papers, cardboards, and fabric in combination with charcoal, pastels, pen and ink, brushes, felt tips, and mixed media.

Art II Painting

Course No: 6412

Credit: 1

Prerequisite: Art I

Art elements and principles are used to strengthen concepts of design and technical skills in painting. Students experiment with a variety of techniques and materials including tempera, synthetic media, watercolor, latex, and enamels on various surfaces such as cardboard, acrylic, Masonite, canvas, and cloth.

Art II Photography

Course No: 6419

Credit: 1

Prerequisite: Art I

This course introduces students to the Elements of Art and Principles of Design needed for creating photographs: including basic layout and design, color theory, shape, form, and composition. This course will familiarize the student with digital photographic equipment, software, materials, and methods through hands-on practice. Students will be exposed to the history of photography and photographers by studying and emulating a variety of photographic styles.

Art II Sculpture

Course No: 6417

Credit: 1

Prerequisite: Art I

Students study design elements and principles of sculptured form and positive-negative space. They explore additive and subtractive processes utilizing various techniques with firebrick, wood, foam, glass, clay, found objects, and plaster.

Art III Ceramics

Course No: 6425

Credit: 1

Prerequisite: Art II Ceramics



Fine Arts

Applied Music I

Course No: 6643

Credit: 1

Prerequisite: Band, Choir, or Orchestra I, II, or III

Credit is awarded for private music study outside of school hours and off campus when administered according to the plan described in Bulletin GEO 62105 of TEA. The student must also be enrolled concurrently in a music course offered by the school. The private teacher must cover all of the Texas Essential Knowledge and Skills (TEKS) in the course of study. The Band, Choral, or Orchestra Director shall be the Teacher of Record and will verify the quality of the work.

Applied Music II Pre-AP

Course No: 6644

Credit: 1

Prerequisite: Applied Music I

Credit is awarded for private music study outside of school hours and off campus when administered

Students use a variety of natural and synthetic materials including mixed media. They combine three-dimensional forms with two-dimensional forms.

Art III Drawing

Course No: 6421

Credit: 1

Prerequisite: Art II Drawing

Students use art elements and principles to develop skills and sensitivity in a variety of methods and techniques. They increase awareness of composition with abstract, non-objective, and realistic renderings. Students will use many drawing materials and tools with emphasis on perfecting individual approaches to drawing.

Art III Painting

Course No: 6422

Credit: 1

Prerequisite: Art II Painting

Students strengthen their concepts of design and continue experimental painting in both two and three dimensions. They experiment and explore techniques, media, and surfaces and discover which painting media best describes individual intentions.

Art III Sculpture

Course No: 6427

Credit: 1

Prerequisite: Art II Sculpture

Students develop design skills that emphasize form and space in student/ teacher choice of techniques. They explore massive form materials such as plaster, concrete, salt block, vermiculite, metal and wood.

Band I

Course No: 6681

Credit: 1

Prerequisite: Audition with the Director

Students study musical brass, woodwind, and percussion techniques, while developing performance skills. Band literature is studied and learned. Students may have the opportunity to perform in a variety of ways including marching events, concerts, festivals, UIL Solo & Ensemble Contest, and UIL Concert & Sight Reading Contest. Attendance at rehearsals and performances outside school hours is required. (Marching Band during the fall semester can be a substitute for P.E.).

Band II

Course No: 6682

Credit: 1

Prerequisite: Band I, and Audition with the Director

Students continue the study of musical brass, woodwind, and percussion techniques, while developing performance skills. Band literature is studied and learned. Students may have the opportunity to perform in a variety of ways including marching events, concerts, festivals, UIL Solo & Ensemble Contest, and UIL Concert & Sight Reading Contest. Attendance at rehearsals and performances outside school hours is required.

(Marching Band during fall semester can be a substitute for P.E.).

Band III

Course No: 6683

Credit: 1

Prerequisite: Band II, and Audition with the Director

Students continue the study of musical brass, woodwind, and percussion techniques, while developing performance skills. Band literature is studied and learned. Students may have the opportunity to perform in a variety of ways including marching events, concerts, festivals, UIL Solo & Ensemble Contest, and UIL Concert & Sight Reading Contest. Attendance at rehearsals and performances outside school hours is required. (Marching Band during fall semester can be a substitute for P.E.).

Band IV

Course No: 6684

Credit: 1

Prerequisite: Band III, and Audition with the Director

Students continue the study of musical brass, woodwind, and percussion techniques, while developing performance skills. Band literature is studied and learned. Students may have the opportunity to perform in a variety of ways including marching events, concerts, festivals, UIL Solo & Ensemble Contest, and UIL Concert & Sight Reading Contest. Attendance at rehearsals and performances outside school hours is required. (Marching Band during fall semester can be a substitute for P.E.).

Choir I

Course No: 6621

Credit: 1

Prerequisite: None

Students will study basic vocal and choral techniques including tone production, breath control, vowel shape, consonant articulation, balance, blend, and artistic interpretation of a variety of musical styles and genres. Music theory and sight singing are also studied. Performance opportunities are provided through participation in a variety of concerts, UIL Solo & Ensemble Contest, and UIL Concert & Sight Reading Contest. Attendance at rehearsals and performances outside school hours is required.

Choir II

Course No: 6622

Credit: 1

Prerequisite: Choir I, with placement by Director Audition

Students will continue studies in vocal and choral techniques including tone production, breath control, vowel shape, consonant articulation, balance, blend, artistic interpretation of a variety of musical styles and genres, music theory and sight singing. Performance opportunities are provided through participation in a variety of concerts, UIL Solo & Ensemble Contest, and UIL Concert & Sight

Reading Contest. Attendance at rehearsals and performances outside school hours is required.

Choir III

Course No: 6623

Credit: 1

Prerequisite: Choir II, with placement by Director Audition

Students will continue studies in vocal and choral techniques including tone production, breath control, vowel shape, consonant articulation, balance, blend, artistic interpretation of a variety of musical styles and genres, music theory and sight singing. Performance opportunities are provided through participation in a variety of concerts, UIL Solo & Ensemble Contest, and UIL Concert & Sight Reading Contest. Attendance at rehearsals and performances outside school hours is required.

Choir IV

Course No: 6624

Credit: 1

Prerequisite: Choir III, with placement by Director Audition

Students will continue studies in vocal and choral techniques including tone production, breath control, vowel shape, consonant articulation, balance, blend, artistic interpretation of a variety of musical styles and genres, music theory and sight singing. Performance opportunities are provided through participation in a variety of concerts, UIL Solo & Ensemble Contest, and UIL Concert & Sight Reading Contest. Attendance at rehearsals and performances outside school hours is required.

Dance and Media Communications I, II

Course No: 6615 (I), 6616 (II)

Credit: 1

Prerequisite: None

Students will study dance history, dance technique, and choreography along with media literacy and technology applications. Traditional dance studies will be balanced with contemporary practices in current technology and digital media, including animation, digital images, multimedia presentations, digital video, websites, and interactive performances. Additionally, dance and choreography, as a means of addressing social issues and as means of effecting change will be addressed.

Instrumental Ensemble I, II, III, IV

Course No: 6661 (I), 6662 (II), 6663 (III), 6664(IV)

Credit: 1

Prerequisite: Placement by Audition with Director

Students study the specialized technical problems of performance techniques for brass, woodwind, percussion, or stringed instruments. Wind and percussion players must be enrolled in a regular band class, and string players must be enrolled in a regular orchestra class. Attendance at rehearsals and performances outside school hours is required.

Jazz Band I

Course No: 6651

Credit: 1

Prerequisite: Placement by Audition with Director
Students develop jazz techniques and study jazz literature. Wind and percussion players must be enrolled in a regular band class. Guitar, electric bass, and keyboard players need not be enrolled in a regular band or orchestra. Attendance at rehearsals and performances outside school hours is required.

Jazz Band II

Course No: 6652

Credit: 1

Prerequisite: Jazz Band I, Placement by Audition with Director
Students develop jazz techniques and study jazz literature. Wind and percussion players must be enrolled in a regular band class. (Guitar, electric bass, and keyboard players need not be enrolled in a regular band or orchestra.) Attendance at rehearsals and performances outside school hours is required.

Jazz Band III

Course No: 6653

Credit: 1

Prerequisite: Jazz Band II, Placement by Audition with Director
Student develops jazz techniques and study jazz literature. Wind and percussion players must be enrolled in a regular band class. (Guitar, electric bass, and keyboard players need not be enrolled in a regular band or orchestra.) Attendance at rehearsals and performances outside school hours is required.

Jazz Band IV

Course No: 6654

Credit: 1

Prerequisite: Jazz Band III, Placement by Audition with Director
Students develop jazz techniques and study jazz literature. Wind and percussion players must be enrolled in a regular band class. (Guitar, electric bass, and keyboard players need not be enrolled in a regular band or orchestra.) Attendance at rehearsals and performances outside school hours is required.

Mariachi I

Course No: 6811

Credit: 1

Prerequisite: None
Students study Mariachi instrumental and vocal techniques, while developing performance skills. Mariachi literature is studied and learned. Students may have the opportunity to perform in a variety of events including concerts, festivals, UIL Solo & Ensemble Contest, and UIL Concert Contest. Attendance at rehearsals and performances outside school hours is required.

Mariachi II

Course No: 6812

Credit: 1

Prerequisite: Mariachi I
Students continue the study of Mariachi instrumental and vocal techniques, while developing performance skills. Mariachi literature is studied and learned. Students may have the opportunity to perform in a variety of events including concerts, festivals, UIL Solo & Ensemble Contest, and UIL Concert Contest. Attendance at rehearsals and performances outside school hours is required.

Mariachi III

Course No: 6813

Credit: 1

Prerequisite: Mariachi II
Students continue the study of Mariachi instrumental and vocal techniques, while developing performance skills. Mariachi literature is studied and learned. Students may have the opportunity to perform in a variety of events including concerts, festivals, UIL Solo & Ensemble Contest, and UIL Concert Contest. Attendance at rehearsals and performances outside school hours is required.

Mariachi IV

Course No: 6814

Credit: 1

Prerequisite: Mariachi III
Students continue the study of Mariachi instrumental and vocal techniques, while developing performance skills. Mariachi literature is studied and learned. Students may have the opportunity to perform in a variety of events including concerts, festivals, UIL Solo & Ensemble Contest, and UIL Concert Contest. Attendance at rehearsals and performances outside school hours is required.

Music Production Level I

Course No: 6690

Credit: 1

Prerequisites: Students must (1) be in grades 10-12. (2) Read musical notation at basic level, (3) Possess math skills at the Algebra I level, and (4) have some experience working with computers and peripherals. Piano keyboard experience is very helpful.
Students will study ways and means of producing sound, learn to manipulate and blend sound, and compose original music using digital technology. To accomplish this, they study musical construction, composition, a variety of musical styles, the physics of sound, principles of tonal synthesis, and MIDI applications.

Music Production Level II

Course No: 6691

Credit: 1

Prerequisites: Music Production I
Students will continue their studies in creating original music using digital technology. Additionally, they will add the study of sound recording technology, including multi-track recording techniques and techniques of sound layering.

Music Theory I

Course No: 6641

Credit: 1

Prerequisite: None, although prior training in reading music is helpful
Students will study the vocabulary and terminology of notation, ear training, sight singing, rhythmic harmonic and melodic dictation, part writing, chord progressions, and form analysis. Students enrolled in this course should have access to a keyboard instrument for practice and assignments.

Music Theory II

Course No: 6642

Credit: 1

Prerequisite: Music Theory I
This course is a more in-depth study of the elements of music including notation, ear training, sight singing, rhythmic harmonic and melodic dictation, part writing, chord progressions, and form analysis. Students enrolled in this course should have access to a keyboard instrument for practice and assignments.



Music Theory

Course No: 6695

Credit: 1

Prerequisite: Music Theory II
The AP Music Theory course corresponds to two semesters of a typical first level college music theory course. Students will be required to master concepts and vocabulary of music involving musical notation, ear training, sight singing, harmonic and melodic dictation, chord progressions, and form analysis. Students enrolled in this course should have access to a keyboard instrument for practice and assignments.

Orchestra I

Course No: 6671

Credit: 1

Prerequisite: Audition with the Director
Students study musical string techniques, while developing performance skills. Orchestra literature is studied and learned. Students may have the opportunity to perform in a variety of events including concerts, festivals, UIL Solo & Ensemble Contest, and UIL Concert & Sight Reading Contest. Attendance at rehearsals and performances outside school hours is required.

Orchestra II

Course No: 6672

Credit: 1

Prerequisite: Orchestra I, and Audition with the Director
Students continue the study of musical string techniques, while developing performance skills. Orchestra literature is studied and learned. Students may have the opportunity to perform in a variety of events including concerts, festivals, UIL Solo & Ensemble Contest, and UIL Concert & Sight Reading Contest. Attendance at rehearsals and performances outside school hours is required.

Orchestra III

Course No: 6673

Credit: 1

Prerequisite: Orchestra II, and Audition with the Director

Students continue the study of musical string techniques, while developing performance skills. Orchestra literature is studied and learned. Students may have the opportunity to perform in a variety of events including concerts, festivals, UIL Solo & Ensemble Contest, and UIL Concert & Sight Reading Contest. Attendance at rehearsals and performances outside school hours is required.

Orchestra IV

Course No: 6674

Credit: 1

Prerequisite: Orchestra III, and Audition with the Director

Students continue the study of musical string techniques, while developing performance skills. Orchestra literature is studied and learned. Students may have the opportunity to perform in a variety of events including concerts, festivals, UIL Solo & Ensemble Contest, and UIL Concert & Sight Reading Contest. Attendance at rehearsals and performances outside school hours is required.

Principles of Dance I

Course No: 6611

Credit: 1

Prerequisite: None

This is an introductory foundational course focusing on technical development, vocabulary, general principles, and basic skill movement for dance. Styles studied include ballet, jazz, tap, ethnic/folk, and modern dance. Students will have the opportunity to choreograph and present a dance routine using basic movements. Specific attire is required for Principles of Dance I.

Principles of Dance II

Course No: 6612

Credit: 1

Prerequisite: Principles of Dance I

Students continue development of dance technique and skills in various genres of dance studied during Dance I. Students learn folk dances that reflect the cultural-historical background of different nationalities that have contributed to our American heritage. Opportunities will be provided for students to choreograph and present dance routines using genre specific dance movements. Specific attire is required for Principles of Dance II.

Principles of Dance III

Course No: 6613

Credit: 1

Prerequisite: Principles of Dance II

Students will continue studies in various dance genres while application of technique, skills, and various dance forms learned in Dance I and II are utilized. Students will work cooperatively with others through various group compositions and choreographical presentations. Specific attire is required for Principles of Dance III.

Principles of Dance IV

Course No: 6614

Credit: 1

Prerequisite: Principles of Dance III

Students will continue studies in various dance genres while application of technique, skills, and various dance forms learned in Dance I, II, and III are utilized. Class focus is on development of artistic and aesthetic growth through kinesthetic perception of form, line, movement, and rhythm. Students will be given the opportunity to develop the ability to communicate ideas through choreographed compositions. Specific attire is required for Principles of Dance IV.

Spirit Group – Cheerleading

Course No: 8141, 8142, 8143, 8144

Credit: 1

Prerequisite: Pep Squad or Equivalent

Membership is based on student auditions.

The functions of Spirit Organizations are to promote school spirit, provide service, represent the school, and perform in a variety of formats and venues. Cheerleaders are involved in summer camps, pep rallies, games/athletic events, competitions, and other designated activities. Attendance at rehearsals and performances outside of the school day is required.

Spirit Group – Dance Performance Ensemble

Course No: 8151, 8152, 8153, 8154

Credit: 1

Prerequisite: Pep Squad or Equivalent

Membership is based on student auditions.

The functions of Spirit Organizations are to promote school spirit, provide service, represent the school, and perform in a variety of formats and venues. Dance/Drill Team members are involved in summer camps, pep rallies, games/athletic events, competitions, and other designated activities. Attendance at rehearsals and performances outside of the school day is required.

Spirit Group – Pep Squad

Course No: 8151, 8152, 8153, 8154

Credit: 1

Prerequisite: Director Approval

Pep Squad is the foundational/entry level Spirit Organization, and serves as the preparatory class and Prerequisite for both Cheerleading and Dance / Drill Team. Pep Squad members promote school spirit, provide service, represent the school, and perform in a variety of formats and venues. Pep Squad performs at designated events, and may participate in summer camps, clinics, pep rallies, games, competitions, and other designated activities. Attendance at rehearsals and performances outside of the school day are required.



Studio Art 2D

Course No: 6435

Credit: 1

Prerequisite: Art I

Students develop a portfolio addressing a broad interpretation of drawing issues and media. Purposeful decision-making about how to use the elements and principles of art in an integrative way to demonstrate mastery of 2-D is required. Mediums and processes could include graphic design, digital images, photography collage, fabric design, weaving, illustration, painting, and printmaking. The portfolio is submitted to the College Board at the conclusion of the course for grading to determine eligibility of award for college credit.

Technical Theatre I

Course No: 6461

Credit: 1

Prerequisite: None

This course includes an overview of technical theatre and the beginning study of construction and operation of scenery, properties, lighting instruments, make up, sound, and public relations programs. Students will learn to operate basic power tools used in set construction.

Technical Theatre II

Course No: 6462

Credit: 1

Prerequisite: Technical Theatre I

This course includes more exploration of technical theatre, including makeup, costume research, set design, and advanced construction techniques.

Technical Theatre III

Course No: 6463

Credit: 1

Prerequisite: Technical Theatre II

Technical Theatre II Students have the opportunity to select and specialize in one or more of the following areas: scenery, properties, lighting, sound, makeup, and public relations. Attendance at rehearsals and performances outside school hours is required.

Technical Theatre IV

Course No: 6464

Credit: 1

Prerequisite: Technical Theatre III

Students have the opportunity to serve in leadership positions on technical crews and to apply the creative process through design and practical application of those designs. Attendance at rehearsals and performances outside school hours is required.

Theatre Arts I

Course No: 6441

Credit: 1

Prerequisite: None

Theater Arts I is an overview of the theatre arts, which includes: voice, stage movement, improvisation, pantomime, theatre history, theatrical terminology, basic acting techniques, theatrical genres, reading of theatrical works, and an introduction to technical theatre.

Theatre Arts II

Course No: 6442

Credit: 1

Prerequisite: Theatre Arts I

This course emphasizes expressive use of the body and voice, advanced acting techniques, stage movement, improvisation, pantomime, theatre history, theatrical terminology, and analysis and interpretation of scripts and characters.

Theatre Arts III

Course No: 6443

Credit: 1

Prerequisite: Theatre Arts II

This course explores additional higher-level acting concepts and skills through advanced characterization, classical production style, and career education.

Theatre Arts IV

Course No: 6444

Credit: 1

Prerequisite: Theatre Arts III

Theatre Arts IV continues advancement of higher level theatrical concepts and skills, including mime, dance, drama, theatre for children, musical theatre, radio, television, film, directing, and theatrical analyses & critiques.

Theatre Production I

Course No: 6451

Credit: 1

Prerequisite: Theatre Arts I

This course focuses on all aspects of theatrical production: acting concepts and skills, production concepts and skills, and aesthetic growth through appreciation of theatrical events. Students will share in the theater experience by working in the various areas associated with overall production. Attendance at rehearsals and performances outside school hours is required.

Theatre Production II

Course No: 6452

Credit: 1

Prerequisite: Theatre Production I

This course focuses on all aspects of theatrical production: acting concepts and skills, production concepts and skills, and aesthetic growth through appreciation of theatrical events. Students will share in theater experience by working in the various areas associated with overall production. Attendance at rehearsals and performances outside school hours is required.

Theatre Production III

Course No: 6453

Credit: 1

Prerequisite: Theatre Production II

This course focuses on all aspects of theatrical production: acting concepts and skills, production concepts and skills, and aesthetic growth through appreciation of theatrical events. Students will share in the theater experience by working in the various areas associated with overall production. Involvement in co-curricular production activities is

an integral and essential requirement of theatre production.

Vocal Ensemble I, II, III, IV

Course No: 6631 (I), 6632 (II), 6633 (III), 6634 (IV)

Credit: 1

Prerequisite: Placement by Audition with Director
This select ensemble will perform advanced ensemble music such as jazz, contemporary music and madrigal styles. Choreography could be a part of the repertoire. This is a specialized group of singers/performers who learn and perform music outside of the Choir I, II, III, and IV repertoire. Attendance at rehearsals and performances outside school hours is required.



United States Army Junior ROTC (JROTC)

To motivate young people to be better citizens.

Mission of Army JROTC

- **Mission:** "To motivate young people to be better citizens"
- **Vision:** The JROTC experience will provide a quality citizenship, character, and leadership development program, while fostering partnerships with communities and educational institutions.
- **Values:** Character, Personal Social Responsibility, Student Achievement, Fitness, Leadership, Teamwork, Selfless Service to the Community and Others, American Heritage and History.
- **Cadet Expectations:** Develop citizenship, leadership, communication skills, improve physical fitness, live drug-free, strengthen positive self-motivation, work as a team member, wear and respect the uniform, participate in extracurricular activities with the corps of cadets, join at least one Army JROTC Team, develop a historical perspective of the military services, graduate from high school.

ROTC I A

Course No: 8420

Credit: ½

This course is designed to teach high school students the value of citizenship, leadership, service to the community, personal responsibility, and a sense of accomplishment, while instilling self-esteem, teamwork, and self-discipline.

ROTC I

Course No: 8441

Credit: 1

Topics to be covered include: American citizenship and Army JROTC; technical communication (oral and written); leadership traits, principles and styles; leadership lab (drill and uniform wear); first aid and health; map reading; and an overview of American history.

ROTC II

Course No: 8442

Credit: 1

Prerequisite: ROTC I

This course continues the study of American citizenship, communication, assumption of leadership positions, first aid and hygiene, drug awareness and prevention and map reading. Additional emphasis is placed on career opportunities, the role of the U.S. Army, American military history and technology awareness.

ROTC III

Course No: 8443

Credit: 1

Prerequisite: ROTC II

This course is an extension of ROTC II, and places the student in an upper leadership echelon with increased responsibility and authority. The course continues to reinforce all previous instruction of leadership and citizenship. Leadership training includes managerial techniques; aspects of mutual leader/subordinate respect; building teamwork and team spirit.

ROTC IV

Course No: 8444

Credit: 1

Prerequisite: ROTC III

This course is a continuation of culmination of all previous leadership training, and places students in the highest leadership positions of the cadet organization. Practical hands-on training is emphasized and includes assuming command; planning, organizing and delegating responsibilities and developing systems of rewards/ corrective actions; counseling, and building/nourishing teamwork.



Physical Education

Aerobic Activity I-Dance

Course No: 8216

Credit: ½

Prerequisite: Foundations of Personal Fitness

Students enrolled in this course are expected to design personal fitness programs that use aerobic activities as a foundation for a physically active

lifestyle. Students learn a level of competency in two or more aerobic dance, jogging, power walking, recreational dance, and step aerobics.

Aerobic Activity I-A

Course No: 8217

Credit: ½

Prerequisite: Foundations of Personal Fitness

Students enrolled in this course are expected to design personal fitness programs that use aerobic activities as a foundation for a physically active lifestyle. Students learn a level of competency in two or more aerobic dance, jogging, power walking, recreational dance, and step aerobics.

Adventure/Outdoors

Course No: 8218

Credit: ½

Prerequisite: Foundations of Personal Fitness

Students enrolled in this course are expected to develop competency in outdoor education activities that provide opportunities for employment and challenge. Students learn a level of competency in two or more outdoor education activities such as hiking, orienteering, camping, and safety.

Health

Course No: 8211

Credit: ½

Health has been eliminated for 9th-10th grade students. It is a local high school credit required course for students in 11th-12th grade, if it is a part of their local high school graduation plan. It includes Parenting and Paternity Awareness (P.A.P.A), First Aid, CPR, sexuality education, the study of the human body systems and the effect of: drug abuse, diseases, nutrition, and exercise.

Comprehensive Wellness

Course No: 8215

Credit: ½

Prerequisite: None

This course teaches that resilience, wellness, and self-care promote healthy minds and bodies. It provides students with essential knowledge and skills to improve attitudes, beliefs and behaviors to help students make a conscience decision toward a lifetime of health and wellness.

Foundations of Personal Fitness

Course No: 8213

Credit: ½

Prerequisite: None

The basic purpose of this course is to motivate students to strive for lifetime personal fitness with an emphasis on the health-related components of physical fitness. The knowledge and skills taught in this course include teaching students about the process of becoming fit as well as achieving some degree of fitness within the class.

PE 3: PE for the Mind, Body, and Spirit

Course No: 8219

Credit: ½

Prerequisite: 1 Credit (Year) of PE

This course will provide students with additional support to reach their Healthy Fitness Zone in the

Fitnessgram, especially in the area of Body Mass Index (BMI). The course is designed to work with each individual in the context of their life – physically, nutritionally, socially, and psychologically. Instructional activities include: cardiovascular aerobic movements such as Zumba, fitness circuits, running/walking, spinning class; core strength development through yoga and stretching; nutritional education; and family support. Each student will be prescreened and monitored throughout the semester.

Team Sports/Individual Sports

Course No: 8214

Credit: 1

Prerequisite: Foundations of Personal Fitness

The purpose of this course is to enable students to acquire basic knowledge of team/individual sports play, sportsmanship, develop skills, and improve health-related fitness.

PE Equivalent-Athletics

	Sport	Course #	Credits
Team	Football	8301-8304	4
	Volleyball	8311-8314	4
	Basketball	8321-8324	4
	Soccer	8331-8334	4
	Softball	8341-8344	4
	Baseball	8351-8354	4
Individual	Track	8361-8364	1-4
	Tennis	8371-8374	1-4
	Golf	8381-8384	1-4
	Swimming	8391-8394	1-4

Prerequisite: Membership by tryout process
Students enrolled in these courses are expected to develop health-related fitness and an appreciation for teamwork and fair play. Students learn specific related skills and participate in a variety of team sports. This course counts as a PE equivalent.

PE Equivalent – Cheerleading

	Sport	Course #	Credits
Individual	Cheerleading I	8141	1
	Cheerleading II	8142	1
	Cheerleading III	8143	1
	Cheerleading IV	8144	1

Prerequisite: Membership is obtained through tryout process. Cheerleading will emphasize curricular and extra - curricular activities by promoting school spirit. Cheerleaders are involved in summer camps, pep rallies, games, and competitions. This course counts as a PE equivalent.

PE Equivalent – Drill Team

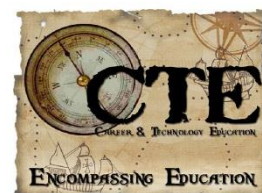
	Sport	Course #	Credits
Individual	Drill Team I	8151	1
	Drill Team II	8152	1
	Drill Team III	8153	1
	Drill Team IV	8154	1

Prerequisite: Membership is by tryout process. The high schools provide drill team organizations whose major functions are to serve as spirit, service, and performing groups. Students who participate in drill teams may earn a maximum of 2 credits of PE.

Physical Education Waiver Courses

Physical activity courses allowable for waiver of the 1 required credits of physical education are as follows:

- Athletics
- Marching Band (fall semester only)
- ROTC
- Cheerleading
- Drill Team



Career & Technical Programs

Mission Statement

The mission of the San Antonio Independent School District Career and Technical Education Department is to educate all students to meet the challenges of the 21st Century by integrating academic, professional, and technical knowledge and skills.

What is Career and Technical Education (CTE)?

CTE instruction develops foundational skills, core workplace competencies, and specific skill competencies in various occupational areas. Internships, practicums, cooperative education, school-based enterprises, dual enrollment programs, and apprenticeships are a few venues that support CTE by providing meaningful opportunities for learners to apply their academic and technical skills. Nationwide, Career Technical Education (CTE) programs are changing, evolving and innovating to better serve the country's needs. CTE is preparing students of all ages to help drive

America's success and vitality. Further, it is creating an educational environment that integrates core academics with real-world relevance. CTE is leading this change, transforming expectations and making a difference for students, for secondary and postsecondary schools, for businesses and industry—for America.

Credits and Class Periods	
1 Credit Course	1 Period per day
2 Credit Course	2 Periods per day
3 Credit Course	3 Periods per day



Business & Industry Endorsement

Advanced Animal Science (4th year science)

Course No: 7032

Credit: 1

Prerequisite: Completed coherent sequence of related CTE courses

Students acquire knowledge and skills related to animal systems, career opportunities, entry requirements and industry expectations in this field. This course examines the interrelatedness of human, scientific, and technological dimensions of livestock production. Instruction allows for the application of scientific and technological aspects of animal science through field and laboratory experiences. Students must pass safety test with 100% mastery.

Advanced Environmental Technology

Course No: 7026

Credit: 1

Students acquire advanced technical knowledge and skills related to environmental service systems and the workplace. Students develop knowledge and skills regarding career opportunities, entry requirements and industry expectations. This course examines the interrelatedness of environmental issues and production agriculture. Students evaluate sustainable resources and green technologies which provide environmental benefits. Instruction is designed to allow for the application of science and technology to measure environmental impacts resulting from production agriculture through field and laboratory experiences. Students must pass safety test with 100% mastery.

Advanced Plant and Soil Science (4th year science credit)

Course No: 7022

Credit: 1

Prerequisite: Principles of Agriculture, Food, & Natural Resources

Students explore how plant and soil science has influenced a vast body of knowledge, realizing that there are still applications to be discovered, and that plant and soil science is the basis for many other fields of science. Investigations, laboratory practices and field exercises will be used to develop an understanding of current plant and soil science. This course is designed to prepare students for careers in the food and fiber industry. Students learn, reinforce, apply and transfer their knowledge in a scientific setting. Students must pass safety test with 100% mastery.

Agribusiness Management and Marketing

Course No: 7027

Credit: 1

Prerequisite: Completed coherent sequence of related CTE courses

Students gain technical knowledge and skills related to agribusiness marketing and management and the workplace. Students develop knowledge and skills regarding career opportunities, entry requirements and industry expectations. This course is designed to provide a foundation to agribusiness management and the free enterprise system. Instruction includes the use of economic principles such as supply and demand, budgeting, recordkeeping, finance, risk management, business law, marketing and careers in agribusiness.

Agricultural Facilities Design and Fabrication

Prerequisite: Agricultural Mechanics and Metal Technologies

Course No: 7017

Credit: 1

Course No: 7020

Credits: 2

Students gain knowledge and skills related to agricultural facilities design and fabrication. Students explore career opportunities, entry requirements and industry expectations. To prepare for careers in mechanized agriculture and technical systems, students reinforce, apply and transfer academic knowledge and technical skills in a variety of settings. Students must pass safety test with 100% mastery.

Agricultural Mechanics and Metal Technologies

Course No: 7028

Credit: 1

Prerequisite: Completed coherent sequence of related CTE courses

Students master academic skills and knowledge related to power, structural and technical agricultural systems, career opportunities, entry requirements, industry certifications and expectations in this field. Designed to help students develop an understanding of agricultural mechanics as related to safety and skills in tool operation, electrical wiring, plumbing, carpentry, fencing, concrete and metal working techniques. Students must pass safety test with 100% mastery.

Agriculture Power Systems

Course No: 7018

Credit: 1

Course No: 7021

Credits: 2

Prerequisite: Completed coherent sequence of related CTE courses

Students develop skills related to power, structural and technical agriculture systems, the workplace, career opportunities, entry requirements, industry certifications and industry expectations in this field. Students develop an understanding of power and control systems as related to energy sources, small and large power systems and agricultural machinery. Students must pass safety exam with 100% mastery.

Energy and Natural Resources Technology

Course No: 7012

Credit: 1

Prerequisite: Completed coherent sequence of related CTE courses

Students attain academic and technical skills and knowledge related to energy, natural resources and the workplace. Students develop knowledge and skills regarding career opportunities, entry requirements and industry expectations. Students' learn, reinforce, apply and transfer knowledge and technology skills in a variety of settings. This course is designed to explore the interdependency of the public and natural resource systems related to energy production. In addition, renewable, sustainable and environmentally friendly practices will be explored.

Equine Science

Course No: 7010

Credit: ½

Course No: 7011

Credit: 1

Students acquire knowledge and skills related to animal systems and develop knowledge and skills regarding career opportunities, entry requirements and industry expectations. Animals studied include, but are not limited to horses, donkeys and mules. Students must pass safety test with 100% mastery.

Forestry and Woodland Ecosystems

Course No: 7008

Credit: ½

Course No: 7009

Credit: 1

Students gain academic technical skills and knowledge related to natural resources, and develop knowledge and skills regarding career opportunities, entry requirements and industry expectations. Students learn, reinforce, apply and transfer knowledge and skills in a variety of settings. This course examines current management practices for forestry and woodlands. Special emphasis is given to management as it relates to ecological requirements and how these practices impact the environment.

Horticulture Science

Course No: 7013

Credit: 1

Students master academic skills and knowledge related to horticultural systems and the workplace. Students develop knowledge and skills to support

career exploration, entry requirements and industry expectations. This course is designed to develop an understanding of common horticultural management practices as they relate to food and ornamental plant production. Students must pass safety test with 100% mastery.

Landscape Design and Turf Grass Management

Course No: 7001 **Credit: ½**
Course No: 7019 **Credit: 1**

Prerequisite: Completed coherent sequence of related CTE courses

Students master academic skills and knowledge related to horticultural systems and the workplace and develop knowledge and skills regarding career opportunities, entry requirements and industry expectations. This course develops an understanding of landscape and turf grass management techniques and practices. Students must pass safety test with 100% mastery.

Livestock Production

Course No: 7004 **Credit: ½**
Course No: 7005 **Credit: 1**

Prerequisite: Completed coherent sequence of related CTE courses

Students acquire knowledge and skills related to animal systems and the workplace and develop knowledge and skills regarding career opportunities, entry requirements and industry expectations. Animal species in this course may include, but are not limited to, beef cattle, dairy cattle, swine, sheep, goats and poultry. Students must pass safety test with 100% mastery.

Mathematical Applications in Agriculture, Food, and Natural Resources (Math substitute*)

Course No: 7031 **Credit: 1**

Prerequisite: Principles of Agriculture, Food & Natural Resources

Students acquire technical knowledge in the discipline as well as apply academic skills in mathematics. Students apply knowledge and skills related to mathematics, including algebra, geometry and data analysis in the context of agriculture, food and natural resources.

Organic Sustainable Food Production

Course No: 7014 **Credit: 2**

Explores the history, industry, principles and practices of organic sustainable food production. Students research how food raised organically might benefit people and the environment, gain knowledge in organic nutrition, passive solar greenhouses, organic certification requirements, composting, organic agricultural economics and recycling.

Practicum in Agriculture, Food, and Natural Resources I

Course No: 7029 **Credits: 2**

Course No: 7030 **Credits: 3**

 Course No: 7036 DC **Credits: 3**

Prerequisite: Principles of Agriculture, Food, & Natural Resources

Practicum in Agriculture, Food, and Natural Resources II

Course No: 7034 **Credits: 2**

Course No: 7035 **Credits: 3**

Prerequisite: Practicum in Agriculture, Food, and Natural Resources I

The practicum course is a paid or unpaid capstone experience for students participating in a coherent sequence of CTE courses in Agriculture, Food and Natural Resources. The practicum is designed to give students supervised practical application of knowledge and skills. Practicum experiences can occur in a variety of locations appropriate to the nature and level of experiences such as employment, independent study, internships, assistantships, mentorships or laboratories. Students must pass safety test with 100% mastery. Students must provide own transportation to and from practicum site.

Principles and Elements of Floral Design (Fine Arts credit)

Course No: 7015 **Credit: 1**

Floral design is a popular area of study within the Horticulture Science industry where students learn how to handle and arrange flowers, make corsages, boutonnieres and decorative bouquets. Students acquire knowledge and skills related to horticultural systems and the workplace and develop knowledge and skills regarding career opportunities, entry requirements and industry expectations.

Principles of Agriculture, Food & Natural Resources

Course No: 7033 **Credit: 1**

Students develop knowledge and skills regarding career opportunities, personal development, globalization, industry standards, details, practices and expectations. To prepare for success, students learn, reinforce, experience, apply and transfer knowledge and skills in a variety of settings. Students must pass safety test with 100% mastery.

Problems and Solutions I: Agriculture, Food, and Natural Resources

Course No: 7971 **Credit: 1**

Prerequisite: Completed coherent sequence of related CTE courses

Under the guidance and input of professional and business mentors, students use scientific methods of investigation to develop topical, research-based projects related to individual career interests.

Research findings are presented to an audience that includes experts in student's chosen field. Earn one advanced measure for the Distinguished Achievement Program upon successful completion of class.

Problems and Solutions II: Agriculture, Food, and Natural Resources

Course No: 7973 **Credit: 1**

Students receive high school credit for solving real-world problems in Agriculture, Food and Natural Resources. Under the guidance and input of professional and business mentors, students use scientific methods of investigation to develop topical, research-based projects related to individual career interests. Research findings are presented to an audience that includes experts in student's chosen field. Earn one advanced measure for the Distinguished Achievement Program upon successful completion of class.

Range Ecology and Management

Course No: 7006 **Credit: ½**

Course No: 7007 **Credit: 1**

Prerequisite: Completed coherent sequence of related CTE courses

Develops students' understanding of rangeland ecosystems and sustainable forage production. Students attain academic and technical skills and knowledge related to environmental and natural resources, career opportunities, entry requirements, and industry expectations. To prepare for success, students learn, reinforce, apply, and transfer their knowledge and skills in a variety of settings.

Small Animal Management

Course No: 7002 **Credit: ½**

Course No: 7003 **Credit: 1**

Prerequisite: Completed coherent sequence of related CTE courses

Students acquire knowledge and skills related to animal systems, career opportunities, entry requirements and industry expectations in this field. Small animals studied include, but are not limited to, small mammals, amphibians, reptiles, dogs and cats. Students must pass safety test with 100% mastery.

Veterinary Medical Applications

Course No: 7025 **Credit: 1**

Prerequisite: Completed coherent sequence of related CTE courses

Students acquire knowledge and skills related to animal systems, career opportunities, entry requirements and industry expectations in this field. Topics include, but are not limited to, veterinary practices related to both large and small animals. Students must pass safety exam with 100% mastery

Wildlife, Fisheries, and Ecology Management

Course No: 7000 **Credit: ½**

Course No: 7016 **Credit: 1**

Prerequisite: Completed coherent sequence of related CTE courses

Students acquire technical knowledge and skills related to natural resources and develop knowledge and skills regarding career opportunities, entry requirements and industry expectations. This course examines the management of game and non-game wildlife species, fish and aqua crops and their ecological needs as related to current agriculture practices. Students must pass safety test with 100% mastery.



Business & Industry Endorsement

Advanced Architectural Design

Course No: 7121 **Credits: 2**

Course No: 7130 **Credits: 3**

 Course No: 7169 DC **Credits: 3**

Prerequisites: Principles of Architecture & Construction and Architectural Design or Advanced Interior Design

Students gain advanced knowledge and skills needed to enter a career in architecture and construction or prepare a foundation toward a postsecondary degree in architecture, construction science, drafting, interior design and landscape design. This course includes advanced knowledge of the design, design history, techniques and tools related to the production of drawings, renderings and scaled models for commercial and residential architectural purposes. Students must pass safety test with 100% mastery.

Advanced Building Maintenance Technology

Course No: 7146 **Credits: 2**


Prerequisite: Building Maintenance Technology
In Advanced Building Maintenance Technology, students gain advanced knowledge and skills specific to those needed to enter the work force as a building maintenance technician or supervisor and construction project manager or secure a foundation for a postsecondary degree in construction management, architecture, or engineering. Students acquire knowledge and skills in safety, Occupational Safety and Health Administration (OSHA) standards, safety devices in electrical circuits, maintenance of electrical and heating, ventilation,

and air conditioning (HVAC) systems, and concepts of historic preservation.

Advanced Construction Management

Course No: 7126 **Credits: 2**

Course No: 7133 **Credits: 3**

 Course No: 7183 DC **Credits: 3**

Prerequisite: Construction Management

Students gain advanced knowledge and skills specific to those needed to enter the workforce as carpenters or building maintenance supervisors or build a foundation toward a postsecondary degree in architecture, construction science, drafting or engineering. This course includes advanced knowledge of design techniques and tools related to the management of architectural and engineering projects. Students must pass safety test with 100% mastery.

Advanced Construction Technology

Course No: 7184 DC **Credits: 3**

Students gain knowledge and skills needed to enter the workforce as carpenters or building maintenance supervisors or build a foundation toward a postsecondary degree in architecture, construction science, drafting or engineering. This course includes knowledge of design techniques and tools related to the management of architectural and engineering projects. Students build on the knowledge base from Construction technology and are introduced to exterior and interior finish-out skills. Students must pass safety test with 100% mastery.

Advanced Electrical Technology

Course No: 7137 **Credits: 2**

Course No: 7138 **Credits: 3**

Prerequisite: Principles of Architecture & Construction and Electrical Technology
Students gain advanced knowledge and skills specific to those needed to enter the workforce as an electrician, building maintenance technician or supervisor, or prepare for a postsecondary degree in construction. Students acquire knowledge and skills in safety, electrical theory, tools, codes, installation of electrical equipment, alternating current and direct current motors, conductor installation, installation of electrical services and electric lighting installation. Students must pass safety test with 100% mastery.

Advanced Interior Design

Course No: 7113 **Credit: 1**

Course No: 7123 **Credits: 2**

Prerequisite: Geometry/Principles of Architecture & Construction/Interior Design/ Architectural Design or Advanced Architectural Design

This technical laboratory course includes knowledge of employability characteristics,

principles, processes, technologies, communication, tools, equipment and materials related to interior spatial design. Students must pass safety exam with 100% mastery.

Advanced Piping and Plumbing Technology

Course No: 7140 **Credits: 2**

Prerequisite: Principles of Architecture & Construction and Piping and Plumbing Technology
In Advanced Piping and Plumbing Technology, students acquire knowledge and skills in industrial pipe fitting, motorized equipment, oxy-fuel cutting, and water, chemical, steam, compressed air, and oil pipe systems. Students gain advanced knowledge and skills specific to those needed to enter the industry as a plumber, pipe fitter, building maintenance technician or supervisor or prepare for a postsecondary degree in mechanical engineering.

Architectural Design

Course No: 7111 **Credit: 1**

Course No: 7120 **Credits: 2**

Prerequisites: Algebra I/Geometry/Principles of Architecture and Construction

Students gain knowledge and skills in architecture and construction or prepare a foundation toward a postsecondary degree in architecture, construction science, drafting, interior design, and landscape architecture. This course includes knowledge of the design, design history, techniques and tools related to the production of drawings, renderings and scaled models for commercial and residential architectural purposes. Students must pass safety test with 100% mastery.

Building Maintenance Technology

Course No: 7145 **Credits: 2**

Prerequisite: Principles of Architecture & Construction

Students gain knowledge and skills needed to enter the workforce in mill work and cabinet manufacturing and installation. Students apply these skills to professions in carpentry or building maintenance supervision or use the skills as a foundation for a postsecondary degree in construction management, architecture or engineering. Students acquire knowledge and skills in cabinet design, tool usage, jointing methods, finishes and numerical and computer control production methods.

Construction Management

Course No: 7114 **Credit: 1**

Course No: 7125 **Credits: 2**

Prerequisite: Algebra I / Geometry /Principles of Architecture & Construction

Students gain knowledge and skills specific to those needed to enter the workforce as carpenters or building maintenance supervisors or build a foundation toward a postsecondary degree in architecture, construction science, drafting or

engineering. This course includes the knowledge of the design techniques and tools related to the management of architectural and engineering projects. Students must pass safety test with 100% mastery.

Construction Technology

Course No: 7143 **Credit: 1**
 Course No: 7144 **Credits: 2**
 Students gain knowledge and skills needed to enter the workforce as carpenters or building maintenance supervisors or prepare for a post-secondary degree in construction management, architecture or engineering. Students acquire knowledge and skills in safety, tool usage, building materials, codes and framing. Students must pass safety test with 100% mastery.

Electrical Technology

Course No: 7136 **Credit: 1**
 Course No: 7129 **Credits: 2**
 Prerequisite: Principles of Architecture & Construction
 Students gain knowledge and skills needed to enter the workforce as an electrician, building maintenance supervisor or prepare for a postsecondary degree in construction. Students acquire knowledge and skills in safety, electrical theory, tools, codes, installation of electrical equipment and the reading of electrical drawings, schematics and specifications. Students must pass safety test with 100% mastery.

Interior Design

Course No: 7102 **Credit: ½**
 Course No: 7112 **Credit: 1**
 Prerequisite: Algebra I/Principles of Architecture & Construction/or Architectural Design
 This technical course addresses the psychological, physiological and sociological needs of individuals by enhancing the environments in which they live and work. Individuals use knowledge and skills related to interior and exterior environments, construction and furnishings to make wise consumer decisions, increase productivity and compete in industry. Students must pass safety test with 100% mastery.


Mill and Cabinetmaking Technology

Course No: 7128 **Credits: 2**
 Course No: 7135 **Credits: 3**
 Prerequisite: Principles of Architecture & Construction
 Students gain knowledge and skills specific to those needed to enter the workforce in the area of mill work, cabinet manufacturing and installation. Students acquire knowledge and skills in cabinet design, tool usage, jointing methods, finishes and numerical and computer control production methods. Students must pass safety test with 100% mastery.

Piping and Plumbing Technology

Course No: 7139 **Credits: 2**
 Prerequisite: Principles of Architecture & Construction or Construction Technology
 Students acquire knowledge and skills in tool usage, safety, pipefitting, drainage, building codes, and water supply. Students gain knowledge and skills needed to enter industry as a plumber, pipe fitter, building maintenance technician or supervisor. Prepares students for a postsecondary degree in construction management, architecture, or engineering.

Practicum in Architectural Design I

Course No: 7122 **Credits: 2**
 Course No: 7147 **Credits: 3**
 Course No: 7172 DC **Credits: 3**
 Prerequisites: Completion of coherent sequence in an area related to architectural design

Practicum in Architectural Design II

Course No: 7131 **Credits: 2**
 Course No: 7148 **Credits: 3**
 Prerequisites: Practicum in Architectural Design I
 Practicum in Architectural Design is an occupationally specific course designed to provide classroom technical instruction or on-the-job training experiences. Safety and career opportunities are included in addition to work ethics and job-related study in the classroom. Students must pass safety test with 100% mastery. Students must provide own transportation to and from practicum site.

Practicum in Construction Management I

Course No: 7127 **Credits: 2**
 Course No: 7134 **Credits: 3**
 Prerequisite: Completion of Coherent sequence in construction management

Practicum in Construction Management II

Course No: 7151 **Credits: 2**
 Course No: 7152 **Credits: 3**
 Prerequisite: Practicum Construct Management I
 Students receive on-the-job training experiences where safety and career opportunities are emphasized as students complete or participate in real-life construction projects outside of the classroom. Students must provide own transportation daily to and from practicum site.

Practicum in Interior Design I

Course No: 7149 **Credits: 2**
 Course No: 7124 **Credits: 3**
 Prerequisites: Completion of coherent sequence in an area related to interior design

Practicum in Interior Design II

Course No: 7150 **Credits: 2**
 Course No: 7132 **Credits: 3**
 Prerequisite: Practicum in Interior Design I

This is an occupationally-specific course designed to provide classroom technical instruction. Job-specific skilled training is provided by local training sponsors in areas compatible with identified career goals in interior design. In addition, students develop knowledge and skills in housing, furnishings and equipment construction/management and services. The practicum course is a paid or unpaid capstone experience or independent study course for students participating in a coherent sequence of CTE courses in the field of interior design. Instruction may be delivered through laboratory training or through career preparation delivery arrangements. Students must pass safety test with 100% mastery. Students must provide own transportation to and from practicum site.

Principles of Architecture and Construction

Course No: 7100 **Credit: ½**
 Course No: 7110 **Credit: 1**
 This course provides an overview of the various fields of architecture, interior design, construction science and construction technology. Students must pass safety test with 100% mastery.

Problems and Solutions I: Architecture and Construction

Course No: 7971 **Credit: 1**
 Prerequisite: Completed coherent sequence of related CTE courses
 Students receive high school credit for solving real-world problems in Architecture and Construction. Under the guidance and input of professional and business mentors, students use scientific methods of investigation to develop topical, research-based projects related to individual career interests. Research findings are presented to an audience that includes experts in student's chosen field. Earn one advanced measure for the Distinguished Achievement Program upon successful completion of class.

Problems and Solutions II: Architecture and Construction

Course No: 7973 **Credit: 1**
 Prerequisite: Problems and Solutions I: Architecture and Construction
 Students receive high school credit for solving real-world problems in Architecture and Construction. Under the guidance and input of professional and business mentors, students use scientific methods of investigation to develop topical, research-based projects related to individual career interests. Research findings are presented to an audience that includes experts in student's chosen field. Earn one advanced measure for the Distinguished Achievement Program upon successful completion of class.




Business & Industry Endorsement

Advanced Animation

Course No: 7203 **Credits: 2**

Course No: 7204 **Credits: 3**

 Course No: 7240 DC **Credits: 3**

Prerequisite: Animation

Students use various software packages to design role playing games using a team development approach. Students develop and maintain a set of web pages documenting the development of their project and create two & three dimensional animations, learn sophisticated production processes with increased efficiency and time management skills. Instruction assists college students who are majoring in Animation and those seeking careers in the animation industry.

Advanced Audio/Video Production

Course No: 7215 **Credits: 2**

Course No: 7216 **Credits: 3**

 Course No: 7242 DC **Credits: 3**

Prerequisite: Audio/Video Production

Students develop an advanced understanding of the Audio/Video Production industry with a focus on pre-production, production, and post-production activities. This course may be implemented in an advanced audio-format, including both audio, video and the business end of movie-making per Federal Communications Commission (FCC) standards.

Advanced Fashion Design

Course No: 7207 **Credits: 2**

Course No: 7208 **Credits: 3**

Prerequisite: Fashion Design

Extend knowledge gained in Fashion Design to develop a professional portfolio of your own custom-made designs and creations using advanced fashion design techniques, including fitting, pattern making and pattern alteration.

Advanced Graphic Design and Illustration

Course No: 7227 **Credits: 2**

Course No: 7228 **Credits: 3**

 Course No: 7245 DC **Credits: 3**

Prerequisite: Graphic Design and Illustration

The advanced level course spans all aspects of the advertising and visual communications industry. Students apply critical thinking and advanced technical skills to art and design projects.

Advanced Printing and Imaging Technology

Course No: 7221 **Credits: 2**

Course No: 7222 **Credits: 3**

 Course No: 7243 DC **Credits: 3**

Prerequisite: Printing & Imaging Technology

In addition to developing advanced knowledge and skills needed for success in the Arts, Audio/Video Technology and Communications career cluster, students develop an advanced understanding of the printing industry with a focus on press operations.

Animation

Course No: 7201 **Credit: 1**

Course No: 7202 **Credits: 2**

Prerequisite: Graphic Design or Art I

Careers in animation span all aspects of motion graphics. Within this context, in addition to developing technical knowledge and skills needed for success in the Arts, Audio/Video Technology and Communications career cluster, students will understand the history and techniques of the animation industry.

Audio/Video Production

Course No: 7213 **Credit: 1**

Course No: 7214 **Credits: 2**

Prerequisite: Principles of Arts Audio Visual Technology

Careers in audio and video technology and film production span all aspects of the audio/video communications industry. Within this context, in addition to developing technical knowledge and skills needed for success in the Arts, Audio/Video technology and Communications career cluster, students develop an understanding of the industry with a focus on preproduction, production and post-production audio and video activities.

Fashion Design

Course No: 7205 **Credit: 1**

Course No: 7206 **Credits: 2**

Prerequisite: Principles of Arts, Audio Visual Technology & Communication

Careers in fashion span all aspects of the textile and apparel industries. Within this context, in addition to developing technical knowledge and skills needed for success in the Arts, Audio/Video Technology, and Communications career cluster, students will be expected to develop an understanding of fashion and the textile and apparel industries.

Graphic Design and Illustration

Course No: 7225 **Credit: 1**

Course No: 7226 **Credits: 2**

Prerequisite: Principles of Arts Audio Visual Technology

Careers in graphic design and illustration span all aspects of the advertising and visual communication industries. Within this context, in addition to developing knowledge and skills needed

for success Arts, Audio/Video Technology and Communications, students develop an understanding of the industry with a focus on fundamental elements of visual art and design.

Practicum in Audio/Video Production I

Course No: 7217 **Credits: 2**

Course No: 7218 **Credits: 3**

 Course No: 7241 DC **Credits: 3**

Prerequisite: Advanced Audio Video Production or Advanced Animation

Practicum in Audio/Video Production II

Course No: 7233 **Credits: 2**

Course No: 7234 **Credits: 3**

Prerequisite: Practicum in Audio/Video Production I

Students develop an advanced understanding of the industry with a focus on applying pre-production, production and post-production activities in a studio environment. This course may include an advanced audio format or an advanced format, including both audio and video. Students must provide own transportation to and from practicum site.

Practicum in Fashion Design I

Course No: 7209 **Credits: 2**

Course No: 7210 **Credits: 3**

Prerequisite: Advanced Fashion Design

In addition to developing technical knowledge and skills needed for success in Arts, Audio/Video technology, and Communications, students will be expected to develop an advanced understanding of fashion with an emphasis on design and production. Students must pass safety test with 100% mastery and provide their own transportation to and from practicum site.

Practicum in Fashion Design II

Course No: 7231 **Credits: 2**

Course No: 7232 **Credits: 3**


Prerequisite: Practicum in Fashion Design I

Students develop an advanced technical understanding of the business aspects of fashion, with an emphasis on promotion and retailing. Instruction may be delivered through lab-based classroom experiences or career preparation opportunities. Students must provide own transportation to and from practicum site.

Practicum in Graphic Design and Illustration I

Course No: 7229 **Credits: 2**

Course No: 7230 **Credits: 3**

 Course No: 7246 DC **Credits: 3**

Prerequisite: Advanced Graphic Design

Practicum in Graphic Design and Illustration II


Course No: 7237 **Credits: 2**

Course No: 7238 **Credits: 3**

Prerequisite: Practicum in Graphic Design I

Careers in graphic design and illustration span all aspects of the advertising and visual communication industry. Students develop technical knowledge and skills for success in the Arts, Audio/Video Technology and Communications and a technical understanding of the industry with a focus on skill proficiency. Instruction may be delivered through lab-based classroom experiences or career preparation opportunities. Students must provide own transportation to and from practicum site.

Practicum in Printing and Imaging Technology I

Course No: 7223 **Credits: 2**
 Course No: 7224 **Credits: 3**
 Course No: 7244 DC **Credits: 3**
 Prerequisite: Advanced Printing & Imaging Tech

Practicum in Printing and Imaging Technology II

Course No: 7235 **Credits: 2**
 Course No: 7236 **Credits: 3**
 Prerequisite: Practicum in Printing & Imaging Tech I
 Students develop advanced technical knowledge and skills needed for success in the Arts, Audio/Video Technology and Communications career cluster. Students develop an advanced technical understanding of the printing industry with a focus on finishing and bindery operations and customer-based projects. Instruction may be delivered through lab-based classroom experiences or career preparation opportunities. Students must provide own transportation to and from practicum site.

Principles of Arts, Audio/Video Technology, and Communications

Course No: 7211 **Credit: ½**
 Course No: 7212 **Credit: 1**
 Students develop a background in computer and technology applications, a strong academic foundation, and proficiency in oral and written communication. Students apply information technology applications when completing Arts, Audio/Video Technology and Communication projects. Students use information management, email, Internet, writing, publishing, presentation and spreadsheet or database applications.

Printing and Imaging Technology

Course No: 7219 **Credit: 1**
 Course No: 7220 **Credits: 2**
 Prerequisite: Principles of Arts, A/V, Communication
 Careers in printing span all aspects of the industry, including prepress, press and finishing and bindery operations. Students develop an understanding of the printing industry with a focus on prepress and desktop publishing.


Problems and Solutions I: Arts, Audio/Visual Technology and Communication

Course No: 7971 **Credit: 1**

Problems and Solutions II: Arts, Audio/Visual Technology and Communication

Course No: 7973 **Credit: 1**
 Prerequisite: Completed coherent sequence of related CTE courses
 Students receive high school credit for solving real-world problems in Arts, A/V Technology and Communication. Under the guidance and input of professional and business mentors, students use scientific methods of investigation to develop topical, research-based projects related to individual career interests. Research findings are presented to an audience that includes experts in student's chosen field. Earn one advanced measure for the Distinguished Achievement Program upon successful completion of class.

Professional Communication

Course No: 7970 **Credit: 1**
 Course No: 7969 DC **Credit: 1**
 Students participate in advanced writing, reading, editing, speaking, and listening activities by applying advanced software applications, computer graphics and conducting extensive internet research. Students use information management, email, Internet, writing, publishing, presentation and spreadsheet or database applications.

Video Game Design I

Course No: 7239 **Credit: 1**
 Students design, program and create a functional video game. This course introduces basic programming language and skills that are essential to developing a video game. Knowledge of mathematics, physics, design and computer programming are applied in this course.



Business & Industry Endorsement

Business Information Management I

Course No: 7302 **Credit: 1**
 Course No: 7303 **Credits: 2**
 Students implement personal and interpersonal skills to strengthen individual performance in the workplace and in society and to make a successful transition to the workplace and postsecondary education. Students apply technical skills to address business applications of emerging

technologies, create electronic documents, develop spreadsheets, formulate databases and create electronic presentations using appropriate software.

Business Information Management II

Course No: 7304 **Credit: 1**
 Course No: 7305 **Credits: 2**
 Prerequisite: Business Information Management I
 Students implement personal and interpersonal skills to strengthen individual performance in the workplace and in society and to make a successful transition to the workforce or postsecondary education. Students apply technical skills to address business applications of emerging technologies, create complex electronic documents, develop sophisticated spreadsheets using charts and graphs and create electronic presentations using appropriate multimedia software.

Business Law

Course No: 7311 **Credit: ½**
 Course No: 7312 **Credit: 1**
 Students analyze the social responsibility of business and industry regarding significant legal, environmental, business ethics, torts, contracts, negotiable financial instruments, personal property, sales, warranties, business organizations, concept of agency and employment and real property issues. Students address business applications of contemporary legal issues and incorporate legal, managerial, marketing, financial, ethical and international dimensions of business to make appropriate business decisions.

Business Management

Course No: 7306 **Credit: 1**
 Course No: 7307 **Credits: 2**
 Students analyze the primary functions of management and leadership, which are planning, organizing, staffing, directing or leading, and controlling. Topics incorporate social responsibility of business and industry. Students develop a foundation in economic, financial, technological, international, social, and ethical aspects of business to become competent managers, employees, and entrepreneurs. Students incorporate a broad base of knowledge that includes legal, managerial, marketing, financial, ethical, and international dimensions of business to make appropriate management decisions.

Global Business

Course No: 7310 **Credit: ½**
 Course No: 7316 **Credit: 1**
 Students apply technical skills to address global business applications of emerging technologies. Students develop a foundation in the economic, financial, technological, international, social and ethical aspects of business to become competent

consumers, employees and entrepreneurs. Students enhance reading, writing, computing, communication and reasoning skills and apply them to the business environment.


Human Resources Management

Course No: 7309 **Credit: ½**
Course No: 7315 **Credit: 1**

Students analyze the primary functions of human resources management: recruitment, selection, training, development, and compensation. Topics incorporate social responsibility of business and industry. Students develop economic, financial, technological, international, social, and ethical aspects of human resources in order to become competent managers, employees, and entrepreneurs. Includes the legal, managerial, financial, ethical, and international dimensions of business to make appropriate human resources decisions.

Practicum in Business Management I

Course No: 7312 **Credits: 2**
Course No: 7313 **Credits: 3**

 Course No: 7323 DC **Credits: 3**
Prerequisite: Business Management

Practicum in Business Management II

Course No: 7318 **Credits: 2**
Course No: 7319 **Credits: 3**

Prerequisite: Business Management I
Practicum course is a paid or unpaid capstone experience for students participating in a coherent sequence of CTE courses in Business Management. This course is designed to give students supervised practical application of previously studied knowledge and skills. Practicum experiences can occur in a variety of locations appropriate to the nature and level of experience. Students must provide own transportation to and from practicum site.

Principles of Business, Marketing, and Finance

Course No: 7320 **Credit: ½**
Course No: 7301 **Credit: 1**

Students gain knowledge and skills in economics and private enterprise systems, business, marketing of goods and services, advertising and product pricing. Students analyze the sales process and financial management principles. Students reinforce, apply and transfer academic knowledge and skills to interesting and relevant activities, problems and settings in business, marketing and finance.

Problems and Solutions I: Business

Management and Administration

Course No: 7971 **Credit: 1**
Prerequisite: Completed coherent sequence of related CTE courses.

Problems and Solutions II: Business

Management and Administration

Course No: 7973 **Credit: 1**
Prerequisite: Problems and Solutions I: Business Management and Administration

Students receive high school credit for solving real-world problems in Business Management and Administration. Under the guidance and input of professional and business mentors, students use scientific methods of investigation to develop topical, research-based projects related to individual career interests. Research findings are presented to an audience that includes experts in student's chosen field. Earn one advanced measure for the Distinguished Achievement Program upon successful completion of class.

Virtual Business

Course No: 7308 **Credit: ½**
Course No: 7314 **Credit: 1**

Students analyze the legal, managerial, marketing, financial, ethical and international dimensions of the on-line businesses to make appropriate business decisions. Students identify steps needed to locate customers, set fees and develop client contracts in a virtual environment. Students implement administrative, creative and technical services using advanced technological modes of communication and delivery service to build a functional website that incorporates the essentials of a virtual business.



Business & Industry Endorsement

Culinary Arts

Course No: 7427 **Credit: 1**
Course No: 7428 **Credits: 2**

Prerequisite: Restaurant Management, Lifetime Nutrition & Wellness or Principles of Hospitality & Tourism

Teaches the art of cooking fundamentals, the science of baking, and management and production skills and techniques. Students can pursue a national sanitation certification, a Texas culinary specialist certification, or any other appropriate industry certification. This course may be offered as a laboratory-based or internship course.

Food Science

Course No: 7439 **Credit: 1**
Prerequisite: 3 Science credits & Principles of Hospitality/Tourism

Food Science is the study of the nature of foods, the causes of deterioration, the principles underlying food processing, and the improvement of foods for the consuming public. Recommended for students in Grades 11-12, students conduct laboratory and field investigations, use scientific methods during investigations, and make informed decisions using critical thinking and scientific problem solving.

Hospitality Services

Course No: 7431 **Credit: 1**
Course No: 7432 **Credits: 2**

Prerequisite: Hotel Management/Travel & Tourism Management/or Restaurant Management

Provides students with the academic and technical preparation to pursue high-demand and high-skill careers in hospitality-related industries. Knowledge and skills are acquired within a sequential, standards-based program that integrates hands-on and project-based instruction. Standards in Hospitality Service courses are designed to prepare students for nationally recognized industry certifications, postsecondary education, and entry-level careers. In addition, Hospitality Services is designed so that performance standards meet employer expectations, enhancing the employability of students. Instruction may be delivered through laboratory training, internships, mentoring, or job shadowing. Students are encouraged to participate in extended learning experiences such as career and technical student organizations and other leadership or extracurricular organizations.

Hotel Management

Course No: 7437 **Credit: ½**
Course No: 7438 **Credit: 1**

Prerequisite: Principles of Hospitality and Tourism
Focuses on knowledge and skills needed to pursue staff and management positions in the hotel industry, including departments within a hotel such as front desk, food and beverage, housekeeping, maintenance, human resources, and accounting. Students learn professional communication, leadership, management, human resources, technology, and accounting strategies. Students are encouraged to participate in extended learning experiences such as career and technical student organizations and other leadership or extracurricular organizations.

Practicum in Culinary Arts I

Course No: 7429 **Credits: 2**
Course No: 7430 **Credits: 3**

 Course No: 7454 DC **Credits: 3**


Prerequisite: Culinary Arts or Hotel Management
A unique practicum that provides occupationally specific opportunities for students to participate in learning experiences that combine classroom instruction with actual business and industry career experiences. Practicum in Culinary Arts integrates

academic and career and technical education knowledge and skills. Students must provide own transportation to and from practicum site.

Practicum in Culinary Arts II

Course No: 7440 **Credits: 2**

Course No: 7441 **Credits: 3**

 Course No: 7455 DC **Credits: 3**

Prerequisite: Practicum in Culinary Arts I

Practicum in Culinary Arts integrates academic and career and technical education; provides advanced interdisciplinary instruction; and supports strong partnerships among schools, businesses, and community institutions. Prepares students with a variety of skills in the Culinary Arts fast-changing workplace. Students must pass safety test with 100% mastery. Students must provide own transportation to and from practicum site.

Practicum in Hospitality Services I

Course No: 7433 **Credits: 2**

Course No: 7434 **Credits: 3**

Prerequisite: Hospitality Services

Practicum in Hospitality Services II

Course No: 7442 **Credits: 2**

Course No: 7443 **Credits: 3**

Prerequisite: Practicum in Hospitality Services I

Students participate in learning experiences that combine classroom instruction with actual business and industry career experiences. Integrates academic and career and technical education; provides interdisciplinary instruction; and supports strong partnerships among schools, businesses, and community institutions, preparing students with a variety of skills in a fast-changing workplace. Students learn employability skills, including job-specific skills applicable to their training plan, job interview techniques, communication skills, financial and budget activities, human relations, and portfolio development. Practicum in Hospitality Services is relevant and rigorous, supports student attainment of academic and technical standards, and effectively prepares students for college and career success. Students must provide their own transportation daily to and from practicum site.

Principles of Hospitality and Tourism

Course No: 7426 **Credit: 1**

The Hospitality and Tourism industry encompasses lodging; travel and tourism; recreation, amusements, attractions, and resorts; and restaurants and food/beverage service. Hospitality and Tourism maintains the largest national employment base in the private sector. Students use knowledge and skills that meet industry standards to function effectively in various positions within this multifaceted industry. Students participate in extended learning experiences, CTE student

organizations and other leadership or extracurricular organizations.

Problems and Solutions I: Hospitality and Tourism

Course No: 7971 **Credit: 1**

Prerequisite: Completed coherent sequence of related CTE courses.

Problems and Solutions II: Hospitality and Tourism

Course No: 7973 **Credit: 1**

Prerequisite: Problems and Solutions I: Hospitality and Tourism

Students receive high school credit for solving real-world problems in Hospitality and Tourism. Under the guidance and input of professional and business mentors, students use scientific methods of investigation to develop topical, research-based projects related to individual career interests. Research findings are presented to an audience that includes experts in student's chosen field. Earn one advanced measure for the Distinguished Achievement Program upon successful completion of class.

Restaurant Management

Course No: 7435 **Credit: ½**

Course No: 7436 **Credit: 1**

Prerequisite: Principles of Hospitality and Tourism

This course emphasizes the principles of planning, organizing, staffing, directing and controlling the management of a variety of food service operations. The course will provide insight into the operation of a well-run restaurant. Students gain academic knowledge and skills required to pursue the full range of career and postsecondary education opportunities within the culinary and restaurant industry.



Public Service Endorsement

Human Growth and Development

Course No: 7403 **Credit: 1**

Prerequisite: Principles of Education & Training
Students study human development from the prenatal stage to late adulthood, and human growth and development as it relates to becoming a successful educator. Students use skills to promote the well-being and healthy development of children as they investigate careers related to the care and education of children.

Instructional Practices in Education & Training

Course No: 7404 **Credit: 1**

Course No: 7405 **Credits: 2**

 Course No: 7410 DC **Credits: 2**


Prerequisites: Principles in Education & Training and Human Growth and Development

A field-based internship that provides students with background knowledge of child and adolescent development as well as principles of effective teaching and training practices. Students work under joint direction and supervision of both a teacher with knowledge of early childhood education and exemplary educators in direct instructional roles with elementary, middle school, and high school students. Students plan and direct individualized instruction and group activities, prepare instructional materials, develop materials for educational environments, assist with recordkeeping and complete other responsibilities of teachers, trainers, paraprofessionals, or other educational personnel.

Practicum in Education and Training I

Course No: 7406 **Credits: 2**

Course No: 7407 **Credits: 3**

 Course No: 7411 DC **Credits: 3**

Prerequisites: Principles in Education & Training/Human Growth and Development/

Instructional Practices in Education and Training

Practicum in Education and Training II

Course No: 7408 **Credits: 2**

Course No: 7409 **Credits: 3**

Prerequisites: Principles in Education & Training/Human Growth & Development/ Instructional Practices in Education & Practicum in Education and Training I

Practicum in Education and Training is a field-based internship that provides students background knowledge of child and adolescent development principles as well as principles of effective teaching and training practices. Under the direction and supervision of exemplary teachers and instructional leaders in elementary, middle, and high schools, students plan and direct individualized instruction and group activities, prepare instructional materials, assist with record keeping, make physical arrangements, and complete other responsibilities of classroom teachers, trainers, paraprofessionals, or other educational personnel. Students must provide their own transportation daily to and from practicum site.

Principles of Education and Training

Course No: 7401 **Credit: ½**

Course No: 7402 **Credit: 1**

Designed to introduce learners to the various careers available within education and training. Students use self-knowledge, educational and career information to analyze various careers within

education and training. Students gain basic knowledge and skills essential to careers within education and training. Students develop a graduation plan that leads to a specific career choice in the field of education.

Problems and Solutions I: Education Training

Course No: 7971 **Credit: 1**
Prerequisite: Completed coherent sequence of related CTE courses.

Problems and Solutions II: Education Training

Course No: 7973 **Credit: 1**
Prerequisite: Problems and Solutions I: Education Training

Students receive high school credit for solving real-world problems in Education and Training. Under the guidance and input of professional and business mentors, students use scientific methods of investigation to develop topical, research-based projects related to individual career interests. Research findings are presented to an audience that includes experts in student's chosen field. Earn one advanced measure for the Distinguished Achievement Program upon successful completion of class.



Business & Industry Endorsement

Accounting I

Course No: 7351 **Credit: 1**
Prerequisite: Principles of Business, Marketing & Finance

Students investigate the field of accounting, including how it is impacted by industry standards as well as economic, financial and ethical factors. Students reflect on this knowledge as they engage in the process of recording, classifying, summarizing, analyzing and communicating financial information. All information is applicable to profit or non-profit businesses and useful for entry-level positions.

Accounting II

Course No: 7352 **Credit: 1**
Prerequisite: Accounting I

Students analyze financial information for managerial decisions. Students will also explore ratio analysis, inventory evaluation, payroll management and end-of-the cycle adjustments and entries. All information is applicable to profit or non-profit businesses and useful for entry-level positions.

Banking and Financial Services

Course No: 7353 **Credit: 1**
Prerequisite: Principles of Business, Marketing & Finance

Students develop knowledge and skills in the economical, financial, technological, international, social and ethical aspects of banking to become competent consumers, employees and entrepreneurs. Students incorporate a broad base of knowledge that includes the operations, sales and management of banking institutions to gain a complete understanding of how banks function within society.

Financial Mathematics

Course No: 7359 **Credit: 1**
Students focus on financial and investment planning, banking, insurance and business financial management. Students learn about personal money management and apply critical thinking skills to analyze personal financial decisions based on current and projected economic factors. This course integrates career and postsecondary education planning into financial decision making. Students are encouraged to participate in extended learning experiences such as CTE student organizations and other leadership or extracurricular opportunities.

Insurance Operations

Course No: 7355 **Credit: 1**
Prerequisite: Principles of Business, Marketing & Finance

Students describe and abide by laws and regulations in order to manage business operations and transactions in the insurance industry; access, process, maintain, evaluate, and disseminate information to assist in making decisions common to the insurance industry; and monitor, plan, and control day-to-day insurance organization activities to ensure continued business functioning. Students use career planning concepts, tools, and strategies to explore, obtain, and develop a career in insurance. Students employ underwriting techniques and strategies to gather, access, and evaluate the risk posed by potential insurance clients. Students determine client needs and wants and respond through planned, personalized communication to influence purchase decisions and enhance future insurance business opportunities.

Money Matters

Course No: 7356 **Credit: ½**
Course No: 7358 **Credit: 1**
Prerequisite: Principles of Business, Marketing & Finance

Students will investigate global economics with emphasis on the free enterprise system and its impact on consumers and businesses. Students apply critical-thinking skills to analyze financial options based on current and projected economic factors. Students gain knowledge and skills

necessary to set long-term financial goals. Students determine methods of achieving long-term financial goals through investment, tax planning, asset allocation, risk management, retirement planning and estate planning.

Principles of Business, Marketing & Finance

Course No: 7320 **Credit: ½**
Course No: 7301 **Credit: 1**

Students gain knowledge and skills in economics and private enterprise systems, business, marketing of goods and services, advertising and product pricing. Students analyze the sales process and financial management principles. Students reinforce, apply and transfer academic knowledge and skills to a variety of interesting and relevant activities, problems and settings in business, marketing and finance.

Problems and Solutions I: Finance

Course No: 7971 **Credit: 1**

Problems and Solutions II: Finance

Course No: 7973 **Credit: 1**
Prerequisite: Completed coherent sequence of related CTE courses

Students receive high school credit for solving real-world problems in Finance. Under the guidance and input of professional and business mentors, students use scientific methods of investigation to develop topical, research-based projects related to individual career interests. Research findings are presented to an audience that includes experts in student's chosen field. Earn one advanced measure for the Distinguished Achievement Program upon successful completion of class.

Securities and Investments

Course No: 7354 **Credit: 1**
Prerequisite: Principles of Business, Marketing & Finance

Students describe and abide by laws and regulations in order to manage business operations and transactions in the securities industry; access, process, maintain, evaluate, and disseminate information to assist in making decisions common to the securities industry; and monitor, plan, and control day-to-day securities organization activities to ensure continued business functioning. Students use career planning concepts, tools, and strategies to explore, obtain, and develop a career in the securities industry. Students determine client needs and wants and respond through planned, personalized communication to influence purchase decisions and enhance future securities sales opportunities.

Statistics and Risk Management

Course No: 7357 **Credit: 1**
Prerequisite: Accounting I & Algebra II

Students use a variety of graphical and numerical techniques to analyze patterns and departures from patterns and identify and manage risk that could impact an organization. Students use probability as a tool for anticipating and forecasting data within business models to make decisions. Students determine the appropriateness of methods used to collect data to ensure conclusions are valid.



Public Service Endorsement

Foreign Service and Diplomacy

Course No: 7508

Credits: 2

Course No: 7509

Credits: 3

Prerequisite: Principles of Government & Public Administration

Students investigate the knowledge and skills necessary for careers in Foreign Service. Course includes law, history, media communication, and international relations associated with the diplomatic environment.

Political Science I

Course No: 7502

Credit: 1

Course No: 7503

Credits: 2

Prerequisite: Principles of Government & Public Administration

This course familiarizes students with political theory through the study of governments; public policies; and political processes, systems, and behavior.

Political Science II

Course No: 7504

Credit: 1

Course No: 7505

Credits: 2

Prerequisite: Principles of Government & Public Administration and Political Science I)

This course uses a variety of methodological approaches to examine the process, systems, and political dynamics of the United States and other nations. The dynamic component of this course includes current United States and world events.

Practicum in Local, State & Federal Government I

Course No: 7510

Credits: 2

Course No: 7511

Credits: 3

Prerequisite: Principles of Government & Public Administration

Practicum in Local, State & Federal Government II

Course No: 7512

Credits: 2

Course No: 7513

Credits: 3

Prerequisite: Practicum in Local, State & Federal Government I

The practicum course is a paid or unpaid capstone experience for students participating in a coherent sequence of courses in the Government and Public Administration cluster. Students concurrently learn advanced concepts of political science in the classroom setting. In addition, students apply technical skills pertaining to government and public administration in a direct mentorship by individuals in professional settings such as government, public management and administration, national security, municipal planning, Foreign Service, revenue, taxation, and regulation. Students must provide their own transportation daily to and from practicum site.

Principles of Government and Public Administration

Course No: 7500

Credit: ½

Course No: 7501

Credit: 1

Introduces students to foundations of governmental functions and public service career opportunities within the United States. Students examine governmental documents such as the United States Constitution and the Bill of Rights, explore major political ideas and forms of government and learn how constitutional government, as developed in the United States, has been influenced by people, ideas and historical documents.

Problems and Solutions I: Government & Public Administration

Course No: 7971

Credit: 1

Prerequisite: Completed coherent sequence of related CTE courses

Problems and Solutions II: Government & Public Administration

Course No: 7973

Credit: 1

Prerequisite: Problems and Solutions II:

Government & Public Administration

Students receive high school credit for solving real-world problems in Government & Public Administration. Under the guidance and input of professional and business mentors, students use scientific methods of investigation to develop topical, research-based projects related to individual career interests. Research findings are presented to an audience that includes experts in student's chosen field. Earn one advanced measure for the Distinguished Achievement Program upon successful completion of class.

Public Management and Administration

Course No: 7506

Credit: 1

Course No: 7507

Credits: 2

Prerequisite: Principles of Government & Public Administration

Students learn how governments and nonprofit administration resemble private-sector

management. Students are introduced to management tools that maximize the effectiveness of administrators and affect the quality of life of citizens in the community.



Public Service Endorsement

Advanced Biotechnology (See STEM)

Course No: 7851

Credit: 1

Students will apply advanced academic knowledge and skills to the emerging fields of biotechnology such as agriculture, medicine, regulation and forensics. Students have the opportunity to use sophisticated laboratory equipment, perform statistical analysis and practice quality-control techniques. Students conduct laboratory and field investigations, use scientific methods during investigations and make informed decisions using critical thinking and scientific problem-solving. Students study a variety of topics that include structures and functions of cells, nucleic acids, proteins and genetics. Students must pass safety test with 100% mastery. To receive credit in science, students must meet the 40% laboratory and fieldwork requirement.

Anatomy and Physiology

Course No: 7608

Credit: 1

Prerequisite: 3 Science credits

Students conduct laboratory and field investigations, use scientific methods during investigations, and make informed decisions using critical thinking and scientific problem solving. Students study a variety of topics, including the structure and function of the human body and the interaction of body systems for maintaining homeostasis. Students must pass safety test with 100% mastery. To receive credit in science, students must meet the 40% laboratory and fieldwork requirement.

Biomedical Innovation PLTW

Course No: 7618

Credit: 1

Students apply knowledge and skills to answer questions or solve problems related to biomedical sciences. Students design solutions for the health challenges of the twenty-first century as they work through progressively challenging open-ended problems, addressing topics such as clinical medicine, physiology, biomedical engineering and public health.

Biotechnology (See STEM)

Course No: 7850

Credit: 1

Students receive an overview of biotechnology, bioengineering and related fields. Topics include genetics, cell structure, proteins, nucleic acids, and the impact of immunological events in biotechnology. Students study agricultural, environmental, economic and political roles of bioenergy and biological remediation; the roles of nanoscience and nanotechnology in biotechnology medical research; and future trends in biological science and biotechnology.

Counseling and Mental Health (See Human Services)

Course No: 7471

Credit: 1

Students model the knowledge and skills necessary to pursue a counseling and mental health career through simulated environments. Students are expected to apply knowledge of ethical and legal responsibilities, limitations and the implications of their actions. Professional integrity in counseling and mental health care is dependent on acceptance of ethical and legal responsibilities.

Health Science

Course No: 7601

Credit: 1

Course No: 7602

Credits: 2

Prerequisite: Biology & Principles of Health Science
Provide for the development of advanced knowledge and skills related to a wide variety of health careers. Students will have hands-on experiences for continued knowledge and skill development. The course may be taught by different methodologies such as clinical rotation and career preparation learning. Students must pass safety test with 100% mastery.

Human Body Systems PLTW

Course No: 7625

Credit: 1

Students examine the processes, structures and interactions of human body systems to learn how they work together to maintain homeostasis (internal balance) and good health.

Medical Interventions PLTW

Course No: 7617

Credit: 1

This course is a "how-to" manual for maintaining overall health and homeostasis in the body as students explore: how to prevent and fight infection; how to screen and evaluate the code in human DNA; how to prevent, diagnose and treat cancer; and prevalence of organ failure.

Medical Microbiology

Course No: 7609

Credit: ½

Course No: 7610

Credit: 1

Prerequisite: 3 Science credits

Students explore the microbial world, studying topics such as pathogenic and non-pathogenic microorganisms, laboratory procedures, identifying

microorganisms, drug resistant organisms and emerging diseases. Students must pass safety test with 100% mastery.

Medical Terminology

Course No: 7605

Credit: ½

Introduces students to the structure of medical terms, including prefixes, suffixes, word roots, combining forms, singular and plural forms plus medical abbreviations and acronyms. The course allows students to achieve comprehension of medical vocabulary appropriate to medical procedures, human anatomy and physiology and pathophysiology.

Pathophysiology

Course No: 7606

Credit: ½

Course No: 7607

Credit: 1

Prerequisite: 3 Science credits

Students conduct laboratory and field investigations, use scientific methods during investigations and make informed decisions using critical thinking and scientific problem solving. Students study disease processes and how humans are affected. Emphasis is placed on prevention and treatment of disease. Students will differentiate between normal and abnormal physiology. Students must pass safety test with 100% mastery.

Practicum in Health Science I

Course No: 7603


Credits: 2

Course No: 7604

Credits: 3

 Course No: 7621 DC

Credits: 2

 Course No: 7641 DC

Credits: 3

Prerequisite: Biology & Health Science

Practicum in Health Science II

Course No: 7613

Credits: 2

Course No: 7614

Credits: 3

 Course No: 7623 DC

Credits: 3

Prerequisite: Practicum in Health Science I

Students gain advanced practical application of previously studied knowledge and skills. Practicum experiences occur in a variety of locations appropriate to the nature and level of experience. Clinical rotations align to specific specialty areas in: Dental Assisting, Pharmacy Technician, Certified Nursing Assistant, Phlebotomy, Emergency Medical Technician – Basic. Students must pass safety test with 100% mastery. Students must provide own transportation to and from practicum site.

Principles of Biomedical Science PLTW

Course No: 7624

Credit: 1

Students explore the concepts of human medicine and are introduced to research processes and bioinformatics. Hands-on projects enable students

to investigate the human body systems and various health conditions.

Principles of Health Science

Course No: 7612

Credit: ½

Course No: 7600

Credit: 1

Provides an overview of therapeutic, diagnostic, health informatics, support services and biotechnology research and development systems of the health care industry. Students learn about body systems, CPR, medical abbreviations, medical terminology and expectations of the health care worker.

Problems and Solutions I: Health Science

Course No: 7971

Credit: 1

Prerequisite: Completed coherent sequence of related CTE courses.

Problems and Solutions II: Health Science

Prerequisite: Biology, Chemistry and Problems and Solutions I: Health Science

Course No: 7973

Credit: 1

Students receive high school credit for solving real-world problems in Health Science. Under the guidance and input of professional and business mentors, students use scientific methods of investigation to develop topical, research-based projects related to individual career interests. Research findings are presented to an audience that includes experts in student's chosen field. Earn one advanced measure for the Distinguished Achievement Program upon successful completion of class.

World Health Research

Course No: 7611

Credit: 1

Prerequisite: Biology and Chemistry

This course examines major world health problems and emerging technologies as solutions to these medical concerns. The course is designed to improve students' understanding of the cultural, political, educational and technological constraints and inspire ideas for appropriate technological solutions to global medical care issues.



Public Service Endorsement

Child Development

Course No: 7466

Credit: ½

Course No: 7467

Credit: 1

Prerequisite: Principles of Human Services

This technical laboratory course addresses knowledge and skills related to child growth and

development from prenatal through school-age children. It equips students with child development skills that promote the well-being and healthy development of children as students learn about careers related to the care and education of children.

Child Guidance

Course No: 7470 **Credit: 1**
Prerequisite: Principles of Human Services and Child Development

This technical laboratory course addresses knowledge and skills related to child growth and guidance, equips students with skills to develop positive relationships with children and caregivers. Students use these skills to promote the well-being and healthy development of children, to strengthen a culturally diverse society and to pursue careers related to the care, guidance and education of children, including those with special needs. Observation may be required.

Cosmetology I

Course No: 7475 **Credits: 2**
Course No: 7476 **Credits: 3**

Students coordinate integration of academic, career and technical knowledge and skills in this laboratory instructional sequence course designed to provide job-specific training for employment in cosmetology careers. Instruction includes sterilization and sanitation procedures, hair care, nail care, skin care and meets the Texas Department of Licensing and Regulation requirements for licensure upon passing the state examination. Analysis of career opportunities, requirements, expectations, and development of workplace skills are included.

Cosmetology II

Course No: 7477 **Credits: 2**
Course No: 7478 **Credits: 3**

 Course No: 7484 DC **Credits: 3**

Prerequisite: Cosmetology I

Students review academic knowledge and skills related to cosmetology. This course is designed to provide advanced training for employment in cosmetology careers. Instruction includes advanced training in sterilization and sanitation processes, hair care, nail care, and skin care and meets the Texas Department of Licensing and Regulation requirements for licensure upon passing the state examination. Students apply, combine, and justify knowledge and skills to a variety of settings and problems.

Counseling and Mental Health

Course No: 7471 **Credit: 1**
Students model the knowledge and skills necessary to pursue a counseling and mental health career through simulated environments. Students are expected to apply knowledge of ethical and legal

responsibilities, limitations and the implications of their actions. Professional integrity in counseling and mental health care is dependent on acceptance of ethical and legal responsibilities.

Interpersonal Studies

Course No: 7472 **Credit: ½**
Course No: 7473 **Credit: 1**

Prerequisite: Principles of Human Services
This course examines how the relationships between individuals and among family members significantly affect the quality of life. Students use knowledge and skills in family studies and human development to enhance personal development, foster quality relationships, promote wellness of family members, manage multiple adult roles and pursue careers related to counseling and mental health services. Students are encouraged to participate in extended learning experiences such as career and technical student organizations and other leadership or extracurricular organizations.

Introduction to Cosmetology

Course No: 7474 **Credit: 1**
Prerequisite: Introduction to Cosmetology

Students explore bacteriology, sterilization and sanitation, hair styling, manicuring, shampooing and the principles of hair cutting, hair styling, hair coloring, skin care and facial makeup. Students research careers in the personal care services industry. To prepare for success, students must have skills relative to this industry, as well as academic knowledge and skills. Students may begin to earn clock hours toward state licensing requirements.

Lifetime Nutrition and Wellness

Course No: 7468 **Credit: ½**
Course No: 469 **Credit: 1**

Students use principles of lifetime wellness and nutrition to help make informed choices that promote wellness as well as pursue careers related to human services and health sciences. Students participate in extended learning experiences such as career and technical leadership organizations.

Practicum in Human Services I (Practicum in Cosmetology I)

Course No: 7479 **Credits: 2**
Course No: 7480 **Credits: 3**

 Course No: 7485 DC **Credits: 3**

Prerequisite: Cosmetology II

Practicum in Human Services II (Practicum in Cosmetology II)

Course No: 7481 **Credits: 2**
Course No: 7482 **Credits: 3**

Prerequisite: Practicum in Cosmetology
Provides students with occupationally specific training and focuses on the development of

consumer services, and family and community services careers. Content is designed to meet the occupational preparation needs and interests of students and should be based on the knowledge and skills selected from two or more courses in a coherent sequence in the human services cluster as well as the essential knowledge and skills for communication, critical thinking, problem solving, information technology, ethical and legal responsibilities, leadership, teamwork, and entrepreneurship. Students must provide own transportation to and from practicum site.

Principles of Human Services

Course No: 7463 **Credit: ½**
Course No: 7464 **Credit: 1**

This comprehensive laboratory course is designed to address a broad range of knowledge and skills related to personal development and management, family and community and preparation of adult roles. Influences of societal and technological changes, high demand human service careers and management of nutritional needs and dietary practices are included. Students are encouraged to participate in extended learning experiences such as career and technical student organizations and other leadership or extracurricular organizations. Students must pass safety test with 100% mastery.

Problems and Solutions I: Human Services

Course No: 7971 **Credit: 1**
Prerequisite: Completed coherent sequence of related CTE courses.

Students receive high school credit for solving real-world problems in Human Services. Under the guidance and input of professional and business mentors, students use scientific methods of investigation to develop topical, research-based projects related to individual career interests. Research findings are presented to an audience that includes experts in student's chosen field. Earn one advanced measure for the Distinguished Achievement Program upon successful completion of class.

Problems and Solutions II: Human Services

Course No: 7973 **Credit: 1**
Prerequisite: Problems and Solutions I: Human Services

Students receive high school credit for solving real-world problems in Human Services. Under the guidance and input of professional and business mentors, students use scientific methods of investigation to develop topical, research-based projects related to individual career interests. Research findings are presented to an audience that includes experts in student's chosen field. Earn one advanced measure for the Distinguished Achievement Program upon successful completion of class.



Business & Industry Endorsement

Advanced Computer Programming

Course No: 7704

Credit: 1

Course No: 7705

Credits: 2

Prerequisite: Principles of Information technology and Computer Programming

Students expand their knowledge and skills in structured programming techniques and concepts by addressing more complex problems and developing comprehensive programming solutions. Students analyze the social responsibility of business and industry regarding the significant issues relating to environment, ethics, health, safety and diversity in society and in workplace as it relates to computer programming. Students apply technical skills to address business applications for emerging technologies.

Computer Maintenance

Course No: 7708

Credit: 1

Course No: 7709

Credits: 2

Prerequisite: Principles of Information Technology

Students acquire principles of computer maintenance, including electrical and electronic theory, computer hardware principles, and broad level components related to the installation, diagnosis, service and repair of computer systems. Students reinforce, apply and transfer knowledge and skills in a variety of settings and problems and demonstrate the necessary skills for career development, employability and completion of course outcomes.

Computer Programming

Course No: 7703

Credit: 1

Prerequisite: Principles of Information technology
Students acquire knowledge of structured programming techniques and concepts appropriate to developing executable programs and creating appropriate documentation. Students analyze the social responsibility of business and industry regarding the significant issues relating to the environment, ethics, health, safety and diversity in society and the workplace as it relates to computer programming. Students apply technical skills to address business applications of emerging technologies.

Computer Technician

Course No: 7710

Credits: 2

Course No: 7711

Credits: 3

Prerequisite: Principles of Informational Technology and Computer Maintenance

Students gain knowledge and skills in computer technologies, including advanced knowledge of electrical and electronic theory, computer principles, and components related to the installation, diagnosis, service and repair of computer-based technology systems. Students reinforce, apply and transfer their knowledge and skills to a variety of settings and problems. Proper use of analytical skills and application of information technology concepts and standards are essential to prepare students for success in a technology-driven society. Critical thinking, information technology experiences and product development may be conducted in a classroom setting with an instructor, industry mentor or both.

Digital and Interactive Media

Course No: 7702

Credit: 1

Prerequisite: Principles of Information Technology
Through the study of digital and interactive media and its application in information technology, students analyze and assess current and emerging technologies while designing and creating multimedia projects that address customer needs and resolve problems. Enhance and apply reading, writing, computing, communication and critical thinking skills in the information technology environment.

Geographic Information Systems

Course No: 7719

Credit: 1

This course educates students about their local and global community, utilizing Geographic Information System (GIS). GIS allows students to view, understand, question, interpret and visualize data in many ways that reveal relationships, patterns and trends in the form of maps, globes, reports and charts. Learning exercises include the use and analysis of High Resolution Landsat images over 100 GIS layers. Course curriculum is multidisciplinary by nature and incorporates math skills, science, social science and language arts.

Internetworking Technologies I

Course No: 7718

Credits: 2

Students design, build and maintain small to medium-sized networks. This course covers aspects of hardware support related to personal computers (PCs) including system troubleshooting, system board, drive subsystems, memory, input/output devices and multimedia. In a lab setting that corresponds to the real world, students utilize the building blocks of today's computer technology, global information, networks and ecommerce web development. This high-tech learning environment provides students with the knowledge and experience to enter the workforce and/or further their education and training in the computer networking field.

Principles of Information Technology

Course No: 7700

Credit: ½

Course No: 7701

Credit: 1

Prerequisite: None

Students develop computer literacy skills to adapt to emerging technologies used in the global marketplace. Students implement personal and interpersonal skills to prepare for a rapidly evolving workplace environment. Students enhance reading, writing, computing, communication and reasoning skills and apply them to the information technology environment.

Problems and Solutions I: Information Technology

Course No: 7971

Credit: 1

Problems and Solutions II: Information Technology

Course No: 7973

Credit: 1

Prerequisite: Completed coherent sequence of related CTE courses

Students receive high school credit for solving real-world problems in Information Technology. Under the guidance and input of professional and business mentors, students use scientific methods of investigation to develop topical, research-based projects related to individual career interests. Research findings are presented to an audience that includes experts in student's chosen field. Earn one advanced measure for the Distinguished Achievement Program upon successful completion of class.

Research in Information Technology Solutions I

Course No: 7707

Credits: 2

Course No: 7714

Credits: 3

Prerequisite: A minimum of two high school information technology courses

Research in Information Technology Solutions II

Course No: 7715

Credits: 2

Course No: 7716

Credits: 3

Prerequisite: A minimum of two high school information technology courses

Students gain advanced knowledge and skills in the application, design, production, implementation, maintenance, evaluation and assessment of products, services and systems. Knowledge and skills in the proper use of analytical skills and application of information technology concepts and standards are essential to prepare students for success in a technology-driven society. Critical thinking, information technology experience and product development may be conducted in a classroom setting with an industry mentor as an unpaid internship or as career preparation.

Telecommunication and Networking

Course No: 7712

Credit: 1

Course No: 7713 **Credits:** 2
Prerequisite: Principles of Informational Technology and Computer Maintenance
 Students develop the concepts and skills related to telecommunications and data networking technologies and practices in order to apply them to personal and career development. Students reinforce, apply and transfer knowledge and skills in a variety of settings and problems and demonstrate the necessary skills for career development, employability and completion of course outcomes.

Web Technologies

Course No: 7706 **Credit:** 1
Prerequisite: Principles of Information Technology
 Students gain advanced knowledge and skills in the appreciation, design, production, implementation, maintenance, evaluation and assessment of products, services and systems. Knowledge and skills in the proper use of analytical skills and application of information technology concepts and standards are essential to prepare students for success in a technology-driven society. Critical thinking, information technology experience and product development may be conducted in a classroom setting with an industry mentor, as an unpaid internship or as career preparation.



Public Service Endorsement

Correctional Services

Course No: 7538 **Credit:** 1
Course No: 7539 **Credits:** 2
Prerequisite: Principles of Law, Public Safety, Corrections and Security
 This course is designed to provide insight, understanding and a historical perspective concerning the place of correctional systems in law enforcement. Students will study correctional systems in the criminal justice system, correctional roles, instructional operations, alternatives to institutionalization, treatment, rehabilitation and current and future issues.

Courts Systems and Practice

Course No: 7533 **Credit:** 1
Prerequisite: Law Enforcement I
 Court Systems and Practices is an overview of the federal and state court systems. The course identifies the roles of judicial officers and the trial processes from pretrial to sentencing and examines the types and rules of evidence. Emphasis is placed on constitutional laws for criminal procedures such

as search and seizure, stop and frisk, and interrogation.

Disaster Response

Course No: 7553 **Credit:** ½
 This course trains students as first responders following a major disaster, utilizing the Community Emergency Response Team (CERT) model curriculum, adopted by the Federal Emergency Management Agency (FEMA).

Emergency Medical Technician – Basic

Course No: 7552 **Credit:** 1
 Students in public safety, including fire, police, and ambulance operations learn the skills necessary to provide emergency medical care at a basic life support level with an ambulance service. Provides an introduction to the concepts, knowledge and skills needed by EMTs in the areas of communications, transportation and recordkeeping.

The Firefighter classes are open to students enrolled at Edison HS. Firefighter I and II courses are open to juniors and seniors who qualify for dual credit through San Antonio College.



Firefighter I

Course No: 7545 DC **Credits:** 2
Prerequisite: Principles of Law, Public Safety, Corrections, and Security
 Introduces students to Firefighter safety and development. Students analyze Texas Commission on Fire Protection rules and regulations, proper incident reporting and records, proper use of personal protection equipment and the principles of fire safety.



Firefighter II



Course No: 7546 DC **Credits:** 3
Prerequisite: Firefighter I
Prerequisite: Principles of Law, Public Safety, Corrections and Security
 The second course in a series for students studying firefighter safety and development. Students examine the Texas Commission on Fire Protection rules and regulations, proper incident reporting and records, proper use of personal protection equipment and the principles of fire safety. Students learn appropriate procedures for use of fire extinguishers, ladder, fire hose and water supply apparatus.

Forensic Science

Course No: 7540 **Credit:** 1
Prerequisite: Biology and Chemistry
 Provides students with a basic understanding of investigative theory, collection and preservation of evidence and sources of information. Methods of


conducting interviews and interrogations will also be covered. Students discover uses of forensic science and preparation for cases and trials. Students explore various college programs related to forensic science. Students must pass safety test with 100% mastery.

Law Enforcement I

Course No: 7534 **Credit:** 1
Course No: 7535 **Credits:** 2
 **Course No:** 7547 DC **Credit:** 1
 **Course No:** 7554 DC **Credits:** 2
Prerequisite: Principles of Law, Public Safety, Corrections and Security

Law Enforcement I is an overview of the history, organization, and functions of local, state, and federal law enforcement. This course includes the role of constitutional law, the United States legal system, criminal law, law enforcement terminology, and the classification and elements of crime.

Law Enforcement II

Course No: 7536 **Credit:** 1
Course No: 7537 **Credits:** 2
 **Course No:** 7548 DC **Credits:** 2
Prerequisite: Law Enforcement I
 Law Enforcement II provides the knowledge and skills necessary to prepare for a career in law enforcement. This course includes the ethical and legal responsibilities, operation of police and emergency telecommunication equipment, and courtroom testimony.

Legal Research & Writing

Course No: 7551 **Credit:** 1
 This course is designed to introduce students to the methods and tools used to conduct legal research including Lexis-Nexis, learning how to develop and frame legal arguments, and producing legal writings such as briefs, memorandums, and other legal documents. Students study American Constitutional law and prepare for appellate argument(s).



Practicum in Fire Science

Course No: 7555 DC **Credits:** 3
 Paid or unpaid capstone experience in which students travel to the San Antonio College Fire Academy for supervised practical application of previously studied knowledge and skills in fire science and safety. Students must provide own transportation to and from practicum site if assigned site is not the SAC Fire Academy.

Practicum in Law, Public Safety, Corrections & Security I

Course No: 7541 **Credits:** 2
Course No: 7542 **Credits:** 3



Business & Industry Endorsement

Practicum in Law, Public Safety, Corrections & Security II

Course No: 7543 **Credits: 2**

Course No: 7544 **Credits: 3**

Prerequisite: Practicum in Law, Public Safety, Corrections, and Security I

The practicum course is a paid or unpaid capstone experience for students participating in a coherent sequence of courses in Law, Public Safety, Corrections & Security designed to give students supervised practical applications of previously acquired knowledge and skills. Learning experiences occur in a variety of locations outside the classroom appropriate to the nature and level of experience. Students must provide their own transportation daily to and from practicum site.

Principles of Law, Public Safety, Corrections and Security

Course No: 7531 **Credit: ½**

Course No: 7532 **Credit: 1**

Principles of Law, Public Safety, Corrections, and Security introduces students to professions in law enforcement, security, corrections, and fire and emergency management services. Students examine the roles and responsibilities of police, courts, corrections, private security, and protective agencies of fire and emergency services. The course provides students with an overview of the skills necessary for careers in law enforcement, fire service, security, and corrections.

Problems and Solutions I: Law, Public Safety, Corrections, & Security

Course No: 7971 **Credit: 1**

Prerequisite: Completed coherent sequence of related CTE courses

Problems and Solutions II: Law, Public Safety, Corrections, & Security

Course No: 7973 **Credit: 1**

Prerequisite: Problems and Solutions I: Law, Public Safety, Corrections, & Security

Students receive high school credit for solving real-world problems in Law, Public Safety, Corrections & Security. Under the guidance and input of professional and business mentors, students use scientific methods of investigation to develop topical, research-based projects related to individual career interests. Research findings are presented to an audience that includes experts in student's chosen field. Earn one advanced measure for the Distinguished Achievement Program upon successful completion of class.

Advanced Welding

Course No: 7803 **Credits: 2**

Course No: 7804 **Credits: 3**

Prerequisite: Algebra I or Geometry and Welding

This course builds on the knowledge and skills developed in Welding. Students develop advanced welding concepts and skills as they relate to personal and career development. This course integrates academic and technical knowledge and skills. Students reinforce, apply and transfer knowledge and skills to a variety of settings and problems. Students must pass safety test with 100% mastery.

Principles of Manufacturing

Course No: 7800 **Credit: 1**

Course No: 7801 **Credit: 1**

Prerequisite: Algebra or Geometry

Students gain knowledge and skills in manufacturing technology in the modern world. Students gain an understanding of career opportunities available in manufacturing and what employers require to gain and maintain employment. The study of manufacturing technology allows students to reinforce, apply and transfer academic knowledge and skills to a variety of interesting and relevant activities, problems and settings in manufacturing. Students must pass safety test with 100% mastery.

Manufacturing Engineering

Course No: 7805 **Credits: 2**

Course No: 7810 **Credits: 3**

 Course No: 7849 DC **Credits: 3**

Prerequisite: Algebra II, Computer Science I, and Physics

Students gain knowledge and skills in the application, design, production and assessment of products, services and systems and how knowledge and skills are applied to manufacturing. Students learn the proper application of Manufacturing Engineering, the design of Technology, efficient manufacturing technology and the assessment of how production technology prepares students for success in a global economy. The study of Manufacturing Engineering allows students to reinforce, apply, and transfer academic knowledge and skills to a variety of interesting and relevant activities and problems in a manufacturing setting.

Occupational Safety & Environmental Technology I

Course No: 7813 **Credits: 1**

Students investigate Occupational Safety and Health Administration and Environmental technology, which is charged with ensuring that business and industry provide a safe workplace, free from hazards and bringing about a reduction in the occurrence of job related injuries and fatalities.

Occupational Safety & Environmental Technology II

Course No: 7814 **Credits: 1**

Students analyze the accident sequence, investigate hazard control concepts and principles, and examine fire protection systems and their applications with emphasis on fire prevention codes and standards. Students apply critical thinking skills to analyze system safety, organizational cultures and the importance of leadership.

Practicum in Manufacturing I

Course No: 7806 **Credit: 2**

Course No: 7807 **Credits: 3**

Prerequisite: Principles of Manufacturing

Practicum in Manufacturing II

Course No: 7808 **Credits: 2**

Course No: 7809 **Credits: 3**

Prerequisite: Manufacturing I

The practicum course is a paid or unpaid capstone experience for students participating in a coherent sequence of career and technical education courses in the manufacturing cluster designed to give students supervised practical application of previously studied knowledge and skills. Practicum experiences can occur in a variety of locations appropriate to the nature and level of experience. Students must provide their own transportation daily to and from practicum site.

Precision Metal Manufacturing

Course No: 7817 **Credit: 1**

Rapid advances in technology have created new career opportunities and demands in many industries. This course provides knowledge, skills and technologies for employment in metal technology systems. Students use a variety of materials in addition to metal such as plastics, ceramics and wood. Students develop knowledge of the concepts and skills related to these systems to apply them to personal and career development. This course supports the integration of academic and technical knowledge and skills. Students reinforce, apply and transfer knowledge and skills to a variety of settings and problems. Knowledge about career opportunities, requirements, expectations, and the development of workplace

skills prepare students for success. Students must pass safety test with 100% mastery.

Problems and Solutions I: Manufacturing

Course No: 7971 **Credit: 1**

Problems and Solutions II: Manufacturing

Course No: 7973 **Credit: 1**

Prerequisite: Completed coherent sequence of related CTE courses

Students receive high school credit for solving real-world problems in Manufacturing. Under the guidance and input of professional and business mentors, students use scientific methods of investigation to develop topical, research-based projects related to individual career interests. Research findings are presented to an audience of experts in student's chosen field. Earn one advanced measure for the Distinguished Achievement Program upon successful completion of class.

Welding

Course No: 7802 **Credits: 2**

Prerequisite: Algebra I

Provides students with the knowledge, skills and technologies required for employment in metal technology systems. Students develop knowledge and skills related to this system and apply them to personal career development. This course supports the integration of academic and technical knowledge and skills. Students reinforce, apply and transfer knowledge and skills to a variety of settings and problems. Knowledge about career opportunities, requirements, expectations, and the development of workplace skills prepare students for future success. Students must pass safety test with 100% mastery.



Business & Industry Endorsement

Advertising and Sales Promotion

Course No: 7376 **Credit: ½**

Course No: 7171 **Credit: 1**

Prerequisite: Principles of Business, Marketing, and Finance

Students focus on the concepts and skills associated with the dynamic advertising industry. Students discover goals and objectives of advertising, identify and analyze, select media and develop advertisements.

Retailing and E-tailing

Course No: 7378 **Credit: ½**

Prerequisite: Principles of Business, Marketing, and Finance

Designed to assist students in understanding the challenges retailers face. Students demonstrate critical thinking skills using decision-making models, case studies, various technologies and business scenarios. Electronic media techniques will be utilized to develop an understanding of our global economy.

Entrepreneurship

Course No: 7380 **Credit: 1**

Prerequisite: Principles of Business, Marketing, and Finance

Students gain knowledge and skills needed to become an entrepreneur. Students learn the principles necessary to begin and operate a business. The primary focus is to help students analyze a business opportunity, prepare a business plan, determine feasibility of an idea using research, and develop a plan to organize and promote the business, its products and services.

Fashion Marketing

Course No: 7379 **Credit: ½**

Prerequisite: Principles of Business, Marketing, and Finance

This course combines the elements of advertising, design and business administration, as well as a solid understanding of the fashion world. Students will take a new fashion line and successfully promote it.

Marketing Dynamics

Course No: 7381 **Credits: 2**

Course No: 7382 **Credits: 3**

 Course No: 388 DC **Credits: 2**


Prerequisite: Principles of Business, Marketing & Finance

Marketing is a series of dynamic activities that focus on the customer to generate a profitable exchange. Students gain knowledge and skill in distribution, financing, marketing information management, pricing, product planning, promotion, purchasing, risk management and selling skills. Students integrate skills from academic subjects, information technology, interpersonal communication and management training to make responsible decisions. This course may include paid or unpaid career preparation experience.

Practicum in Marketing Dynamics I

Course No: 7383 **Credits: 2**

Course No: 7384 **Credits: 3**

 Course No: 7389 DC **Credits: 3**

Prerequisite: Marketing Dynamics

Practicum in Marketing Dynamics II

Course No: 7385 **Credits: 2**

Course No: 7386 **Credits: 3**

Prerequisite: Practicum in Marketing Dynamics I

Through course required employment, students gain knowledge and skills that develop proficiency in one or more marketing functional areas. Students illustrate management and research skills to create the marketing mix. Course includes technology, communication and customer-service skills in supervised, on-the-job applications of learned knowledge and skills. This is a paid or unpaid experience for students participating in a coherent sequence of CTE courses in marketing education. Students must provide own transportation to and from practicum site.

Principles of Business, Marketing & Finance

Course No: 7301 **Credit: 1**

Students gain knowledge and skills in economics and private enterprise systems, business, marketing of goods and services, advertising and product pricing. Students analyze the sales process and financial management principles. Students reinforce, apply and transfer academic knowledge and skills to interesting and relevant activities, problems and settings in business, marketing and finance.

Problems and Solutions I: Marketing, Sales, & Service

Course No: 7971 **Credit: 1**

Prerequisite: Completed coherent sequence of related CTE courses

Problems and Solutions II: Marketing, Sales, and Service

Course No: 7973 **Credit: 1**

Prerequisite: Problems and Solutions I: Marketing, Sales, and Service

Students receive high school credit for solving real-world problems in Marketing, Sales and Service. Under the guidance and input of professional and business mentors, students use scientific methods of investigation to develop topical, research-based projects related to individual career interests. Research findings are presented to an audience that includes experts in student's chosen field. Earn one advanced measure for the Distinguished Achievement Program upon successful completion of class.

Social Media Marketing

Course No: 7387 **Credit: ½**

Designed to look at the rise of social media and how it has transformed the business arena. Students learn about multi-disciplinary implications and how to manage a successful social media presence for an organization.

Sports and Entertainment Marketing

Course No: 7377

Credit: ½

Prerequisite: Principles of Business, Marketing, and Finance

This course provides students with a thorough understanding of marketing concepts and theories that apply to sports, sporting events and entertainment. This course covers basic marketing, target marketing and segmentation, sponsorship, event marketing, promotions, sponsorship proposals and implementation of sports and entertainment marketing plans. This course will also provide students an opportunity to develop promotional plans, sponsorship proposals, endorsement contracts, sports and entertainment marketing plans, and evaluation and management techniques.



STEM Endorsement

Advanced Biotechnology

Course No: 7851

Credit: 1

Prerequisite: Biology and Chemistry

Students apply advanced academic knowledge and skills to the emerging fields of biotechnology such as agriculture, medical, regulatory, and forensics. Students use sophisticated laboratory equipment, perform statistical analysis and practice quality-control techniques. Topics of study include structure and functions of cells, nucleic acids, proteins and genetics.

Advanced Electronics

Course No: 7834

Credits: 2

Course No: 7835

Credits: 3

Prerequisite: Electronics

Students enrolled in this course will demonstrate knowledge and applications of advanced circuits, electrical measurement and electrical implementation used in the electronics and computer industries. Through use of the design process, students transfer advanced academic skills to component designs in a project-based environment. Additionally, students explore career opportunities, employer expectations and educational needs in the electronics industry. Students must pass safety test with 100% mastery.

Advanced Engineering Design & Presentation

Course No: 7829

Credits: 2

Course No: 7830

Credits: 3

 Course No: 7854 DC

Credits: 3

Prerequisite: Engineering Design and Presentation

Students master computer software applications in a variety of engineering and technical fields. Students further develop the process of engineering thought and application of the design process. Students demonstrate knowledge and skills necessary for success in the workplace.

Artificial Intelligence PLTW

Course No: 7728

Credit: ½

Students develop artificially intelligent systems that create solutions to real problems found in science and industry. Students analyze problems for computational difficulty and analyze solutions for computational efficiency. Students engage in a wide array of applications, including automated vehicles and computer vision.

Biotechnology

Course No: 7850

Credit: 1

Prerequisite: Concepts of Engineering & Technology

Students receive an overview of biotechnology, bioengineering and related fields. Topics include genetics, cell structure, proteins, nucleic acids, and the impact of immunological events in biotechnology. Students study agricultural, environmental, economic and political roles of bioenergy and biological remediation; the roles of nanoscience and nanotechnology in biotechnology medical research; and future trends in biological science and biotechnology.

Computational Problem Solving PLTW

Course No: 7730

Credit: 1

As a capstone course, CPS offers students the opportunity to work in a team to deliver a software solution to a real-world design problem. Teams start by defining problems, which might originate from CPS students, community, industry clients, or students in other problem-based courses, and use the Agile design process to develop a software solution. Effective practices in problem solving, documentation, software development, presentation, and collaboration are central to the course. The course aligns with CSTA Level 3C Standards.

Computer Science Applications PLTW

Course No: 7726

Credit: 1

Course focus is on integrating technologies across multiple platforms and networks, including the Internet. Students collaborate to produce programs that integrate mobile devices and leverage those devices for distributed collection and data processing. Students analyze, adapt and improve each other's programs while working primarily in JAVA™ and other industry-standard tools. This course prepares students for the AP Computer Science-A course.

Computer Science & Software Engineering

PLTW

Course No: 7725

Credit: 1

This course implements the College Board's 2013 CS Principles framework. Using Python® as a primary tool and incorporating multiple platforms and languages for computation, this course develops computational thinking, generates excitement about career paths that utilize computing and introduces professional tools that foster creativity and collaboration. This course can serve as a student's first course in computer science, although we encourage students without prior computing experience to start with Introduction to Computer Science. Students will develop programming expertise and explore the workings of the Internet. Projects and problems include app development, visualization of data, cybersecurity, robotics, and simulation.

Concepts of Engineering and technology

Course No: 7826

Credit: 1

Provides an overview of science, technology, engineering and mathematics and their interrelationships. Students use a variety of computer hardware and software applications to complete assignments and projects. Upon completing this course, students will have an understanding of various fields and will be able to make informed decisions regarding a coherent sequence of subsequent courses. Students work on design teams to develop a product or system and use multiple software applications to prepare and present course assignments.

Cyber Security PLTW

Course No: 7729

Credit: ½

Introduces the tools and concepts of cybersecurity and encourages students to create solutions that allow people to share computing resources while protecting privacy. Nationally, computational resources are vulnerable and frequently attacked. Students solve problems by understanding and closing these vulnerabilities. This course raises students' knowledge of and commitment to ethical computing behavior. It develops students' skills as consumers, friends, citizens, and employees who effectively contribute to communities with dependable cyber-infrastructure that moves and processes information safely.

Digital Electronics

Course No: 7857

Credit: 1

From smart phones to appliances, digital circuits are all around us. This course provides a foundation for students interested in electrical engineering, electronics, or circuit design. Students study topics such as combinational and sequential logic and are exposed to circuit design tools used in industry, including logic gates, integrated circuits, and programmable logic devices.

Electronics

Course No: 7831

Credit: 1

Course No: 7832

Credits: 2

Prerequisite: Concepts of Engineering and Technology

Students enrolled in this course demonstrate knowledge and applications of circuits, electronic measurement and electronic implementation. Through use of the design process, students transfer academic skills to component designs in a project-based environment. Students use a variety of computer hardware and software applications to complete assignments and projects. Additionally, students explore career opportunities, employer expectations and educational needs in the electronics industry. Students must pass safety test with 100% mastery.

Engineering Design & Development (EDD)

Course No: 7858

Credit: 1

The knowledge and skills students acquire throughout PLTW Engineering come together in EDD as they identify an issue and then research, design, and test a solution, ultimately presenting their solution to a panel of engineers. Students apply the professional skills they have developed to document a design process to standards, completing EDD ready to take on any post-secondary program or career.

Engineering Design & Presentation

Course No: 7827

Credit: 1

Course No: 7828

Credits: 2

Prerequisite: Concepts of Engineering and Technology

Students study the process of design as it applies to engineering fields using multiple software applications and tools necessary to produce and present working drawings, solid model renderings and prototypes. Students use a variety of computer hardware and software applications to complete assignments and projects. Through implementation of the design process, students will transfer advanced academic skills to component designs. Students explore career opportunities in engineering, technology, drafting and what is required to gain and maintain employment in these areas.

Engineering Design & Problem Solving

Course No: 7840

Credit: 1

Prerequisite: Geometry, Algebra II, Chemistry and Physics

This course is intended to stimulate students' ingenuity, intellectual talents and practical skills in devising solutions to engineering design problems. Students use the engineering design process cycle to investigate, design, plan, create and evaluate solutions. At the same time, this course fosters awareness of the social and ethical implications of

technological development. Students must pass safety test with 100% mastery.

Engineering Mathematics

Course No: 7836

Credit: 1

Prerequisite: Algebra II

Students solve and model robotic design problems. Students use a variety of mathematical methods and models to represent and analyze problems involving data acquisition, spatial applications, electrical measurement, manufacturing processes, materials engineering, mechanical drives, pneumatics, process control systems, quality control, and robotics with computer programming.

Introduction to Computer Science PLTW

Course No: 7724

Credit: ½

This is designed to be the first computer science course for students who have never programmed before. This introductory course is an optional starting point for the Project Lead the Way (PLTW) Computer Science Program. Students create interactive stories; work in teams to create simple apps for mobile devices using App Inventor; and analyze data about students' health, social habits, and interests using functions in Excel®. Students learn the impact of computing in society and the application of computing across career paths. They will also transfer the understanding of programming gained in App Inventor to a third language, Python®, in which they learn introductory elements of text-based programming.

Introduction to Engineering Design

Course No: 7855

Credit: 1

Students dig deep into the engineering design process, applying math, science, and engineering standards to hands-on projects. They work both individually and in teams to design solutions to a variety of problems using 3D modeling software, and use an engineering notebook to document their work.

Practicum in Science, Technology, Engineering, and Mathematics I

Course No: 7841

Credits: 2

Course No: 7842

Credits: 3

Prerequisite: Sequence of courses in STEM pathway

Practicum in Science, Technology, Engineering, and Mathematics II

Course No: 7843

Credits: 2

Course No: 7844

Credits: 3

Prerequisite: Practicum in Science, Technology, Engineering, & Mathematics I

The practicum course is a paid or unpaid capstone experience for students participating in a coherent sequence of career and technical education courses in the science, technology, engineering, and mathematics career cluster designed to give

students supervised practical application of previously studied knowledge and skills. Practicum experiences can occur in a variety of locations appropriate to the nature and level of experience. Students must provide their own transportation daily to and from practicum site.

Principles of Engineering

Course No: 7856

Credit: 1

Through problems that engage and challenge, students explore a broad range of engineering topics, including mechanisms, the strength of structures and materials, and automation. Students develop skills in problem solving, research, and design while learning strategies for design process documentation, collaboration, and presentation.

Principles of Manufacturing

Course No: 7800

Credit: ½

Course No: 7801

Credit: 1

Students gain knowledge and skills in manufacturing technology in the modern world. Students gain an understanding of career opportunities available in manufacturing and what employers require to gain and maintain employment in these careers. The study of manufacturing technology allows students to reinforce, apply and transfer academic knowledge and skills to a variety of interesting and relevant activities, problems and settings in a manufacturing setting. Students must pass safety test with 100% mastery.

Principles of Technology

Course No: 7833

Credit: 1

Prerequisite: One credit science and Algebra I

Students conduct laboratory and field investigations, use scientific methods during investigations, and make informed decisions using critical thinking and scientific problem solving. Students study a variety of topics that include laws of motion, conservation of energy, momentum, electricity, magnetism, thermodynamics, and characteristics and behavior of waves. Students apply physics concepts and perform laboratory experimentations for at least 40% of instructional time using safe practices.

Problems and Solutions I: Science, Technology, Engineering and Mathematics

Course No: 7971

Credit: 1

Prerequisite: Completed coherent sequence of related CTE courses

Problems and Solutions II: Science, Technology, Engineering and Mathematics

Course No: 7973

Credit: 1

Prerequisite: Problems and Solutions I: Science, Technology, Engineering and Mathematics
Students receive high school credit for solving real-world problems in Science, technology, Engineering and Mathematics. Under the guidance and input of



Business & Industry Endorsement

professional and business mentors, students use scientific methods of investigation to develop topical, research-based projects related to individual career interests. Research findings are presented to an audience that includes experts in student's chosen field. Earn one advanced measure for the Distinguished Achievement Program upon successful completion of class.

Robotics and Automation

Course No: 7837

Credit: 1

Course No: 7838

Credits: 2

Prerequisite: Concepts of Engineering & Technology and Electronics

Students demonstrate knowledge and skills necessary for the robotics and automation industry. Through implementation of the design process, students transfer advanced academic skills to component designs in a project-based environment. Students build prototypes or use simulation software to test their designs. Additionally, students explore career opportunities, employer expectations and educational needs in the robotics and automation industry. Students must pass the safety test with 100% mastery.

Scientific Research and Design

Course No: 7839

Credit: 1

Prerequisite: One science credit

Students study the principles of environmental engineering. Topics include material balances, environmental chemistry, risk assessment, air quality, water quality and waste water treatment. Quantitative evaluation of environmental, technical and economic problems with control of pollutants in air, water and land will also be discussed.

Simulation and Modeling

Course No: 7727

Credit: ½

Students create models and simulate social, physical and biological systems. Students apply statistics and data analysis to understand systems and predict behavior and compare models to complex, real data. Students create simulations to communicate central ideas in the physical, biological and social sciences and deepen understanding of concepts in discrete math and computer science. This course emphasizes collaboration, professional writing, scientific method and aligns with CSTA Level 3C Standards.



Aircraft Technology

(Aerospace Academy Only)

Course No: 7891 DC

Credit: 1

Course No: 7892 DC

Credits: 2

This course is designed to teach the theory of operation of aircraft airframes, power plants, avionics systems, and associated maintenance and repair practices. Aircraft services include knowledge of the function, diagnosis, and service of the electrical, electronic, hydraulic, pneumatic, airframe, mechanical and power plant components of aircraft.



Advanced Aircraft Technology

(Aerospace Academy Only)

Course No: 7893 DC

Credits: 3

Prerequisite: Aircraft Technology

Designed to apply the theory of operation, repair, and maintenance of aircraft airframe, power plant, and avionics systems. Aircraft services include knowledge of the function, diagnosis, and service of the electrical, electronic, hydraulic, pneumatic, airframe, mechanical, and power plant components of aircraft as governed by federal aviation regulations.

Advanced Collision Repair & Refinishing

Course No: 7868

Credits: 2

Course No: 7869

Credits: 3

Prerequisite: Collision Repair and Refinishing
Collision repair and refinishing services include advanced knowledge of the processes, technologies, and materials used in the reconstruction and alteration of vehicles. This course is taught by college professors at St. Philip's College Southwest Campus and designed to teach the application of advanced technical skills and practices related to collision repair and refinishing.

Advanced Automotive Technology

Course No: 7872

Credits: 2

Course No: 7873

Credits: 3



Course No: 7886 DC

Credits: 3

Prerequisite: Automotive Technology

Students gain advanced knowledge of the function of major automotive systems and the principles of diagnosing and servicing these systems. Students gain knowledge and skills in the repair, maintenance and diagnosis of vehicle systems. Students

reinforce, apply and transfer academic knowledge and skills to a variety of interesting and relevant activities, problems and settings. Focus is on teaching the operation of automotive vehicle systems and associated repair practices. Students must pass safety test at 100% mastery.

Automotive Technology

Course No: 7870

Credit: 1

Course No: 7871

Credits: 2

Prerequisite: None

Students learn the function of major automotive systems and the principles of diagnosing and servicing these systems. Students gain knowledge and skills in the repair, maintenance and diagnosis of vehicle systems. Students reinforce, apply and transfer academic knowledge and skills to a variety of interesting and relevant activities, problems and settings. Focus is on teaching the operation of automotive vehicle systems and associated repair practices. Students must pass safety test at 100% mastery.

Collision Repair and Refinishing (St. Philip's College)

Course No: 7866

Credit: 1

Course No: 7867

Credits: 2

Collision repair and refinishing services include knowledge of the processes, technologies, and materials used in the reconstruction and alteration of vehicles. This course is designed to teach the concepts and theory of systems related to automotive collision repair and refinishing.

Energy, Power, and Transportation Systems

Course No: 7863

Credit: 1

Prerequisite: Principles of Transportation, Distribution and Logistics

Students study the interaction between various vehicle systems, the logistics used to move goods and services to consumers and the components of transportation infrastructure. Performance requirements include academic and technical skills. Students prepared to meet the expectations of employers in this industry must be able to interact and relate to others and understand technologies used in order to provide products and services in a timely manner.

Logistics, Planning and Management Systems


Course No: 7898

Credit: 1

Provides students with training for entry-level employment in this industry. This course focuses on the business planning and management aspects of transportation, distribution and logistics. Students learn, reinforce, experience, apply and transfer their knowledge and skills technologies in a variety of settings.

Practicum in Transportation, Distribution, and Logistics I

Course No: 7874 Credits: 2
Course No: 7875 Credits: 2

 Course No: 7887 DC Credits: 2
Prerequisite: Sequence of courses in Transportation, Distribution and Logistics

Practicum in Transportation, Distribution, and Logistics II

Course No: 7876 Credits: 2
Course No: 7877 Credits: 3

Prerequisite: Practicum in Transportation, Distribution, and Logistics I

This practicum course is designed as a paid or unpaid capstone experience for students participating in a coherent sequence of courses in Transportation, Distribution and Logistics. This course is designed to give students supervised practical application of knowledge and skills. Practicum experiences can occur in a variety of locations appropriate to the nature and level of experience such as internships, mentorships, independent study or laboratories. Students must provide own transportation to and from practicum site.

Principles of Transportation, Distribution & Logistics

Course No: 7864 Credit: ½
Course No: 7865 Credit: 1

Students gain knowledge and skills in the safe application, design, production, and assessment of products, services, and systems used in the logistics of warehousing and transportation systems. Students apply knowledge and skills in the application, design, and production of technology as it relates to the transportation, distribution, and logistics industries. Students reinforce, apply, and transfer academic knowledge and skills to a variety of interesting and relevant activities, problems, and settings.

Problems and Solutions I: Transportation, Distribution and Logistics

Course No: 7971 Credit: 1
Prerequisite: Completed coherent sequence of related CTE courses

Problems and Solutions II: Transportation, Distribution and Logistics

Course No: 7973 Credit: 1

Prerequisite: Problems and Solutions I: Transportation, Distribution and Logistics
Students solve real-world problems in Transportation, Distribution and Logistics. Under the guidance and input of professional and business mentors, students use scientific methods of investigation to develop topical, research-based projects related to individual career interests.

Research findings are presented to an audience that includes experts in student's chosen field. Earn one advanced measure for the Distinguished Achievement Program upon successful completion of class.



Business & Industry Endorsement

Computer Science Pre-AP

Course No: 2497 Credit: 1
Prerequisite: Algebra I

The Computer Science Pre-AP course will provide an introduction to the C++ language. The course covers the programming methodology with an emphasis on problem solving, algorithm development, data structures and C++ applications.

Computer Science AP-A

Course No: 2499 Credit: 1
Prerequisite: Computer Science Pre-AP.

The Computer Science AP-A course introduces students to computer science with fundamental topics that include problem solving, design strategies and methodologies, organization of data (data structures), approaches to processing data (algorithms), analysis of potential solutions using Java programming language. Students will also be introduced to the ethical and social implications of computing. The course emphasizes both object-oriented and imperative problem solving and design. These techniques represent proven approaches for developing solutions that can scale up from small, simple problems to large, complex problems.

Desktop Publishing

Course No: 6943 Credit: 1

Desktop Publishing is a course designed to allow students to develop proficiency in using desktop publishing software to create a variety of printed publications. Students incorporate journalistic principles in design and layout of print and web publications including integration of text and graphics and use hardware and software to develop and create quality materials for business related tasks. Students incorporate the process of analyzing information and audience and choosing the appropriate visual signals to communicate the desired message effectively.

Digital Graphics

Course No: 6944 Credit: 1

In the Digital Graphics course, students use graphics, images, and/or video to create content-oriented productions. The media used within these productions will be developed, edited, or otherwise manipulated by the students. Final products should reflect multimedia elements, knowledge of design theory, effective use of productivity tools, and the conveyance of content rich information.

Multimedia

Course No: 6942 Credit: 1

Multimedia allows students to gain the fundamentals of multimedia through a variety of authoring tools to design presentations and interactive media. Students acquire the knowledge, skills and abilities in the deployment of text, graphics, audio recording, linear/non-linear authoring tools, 3-D modeling, animation, and video capturing. A multimedia development project is required as a final project.

Technology Applications Web Mastering

Course No: 6491

Concepts of web communication are studied and explored. Students design, develop, and maintain web pages using appropriate current editors and/or tagging languages. Students demonstrate technical knowledge of the equipment and an ability to use a variety of input devices, file formats and transfer methods. Students will gain proficiency in the use of various browsers used to navigate the web and study connectivity issues as needed. Security and privacy issues, copyright infringement, trademarks and other legal issues relating to use of the web are studied. Students use appropriate search methods and applications to retrieve and evaluate information and use a variety of web communications. Career possibilities related to the internet and web design will be explored.



Advancement Via-Individual Determination (AVID) Courses

AVID I

Course No: 8545 Credit: 1

Prerequisite: None

Advancement Via Individual Determination (AVID) is an academic elective course that prepares students for college readiness and success. Students work on academic and personal goals, communication

skills, as well as the adjustment to the high school setting. The course will place an emphasis on analytical writing, focusing on personal goals and thesis writing. Students learn to work in collaborative settings, practice participation in collegial discussions and use sources to support their ideas and opinions. College entrance and placement exams are reviewed. All students take an active role in field trip and guest speaker preparations and presentations. Other college research includes college-choice, college-cost as well as career interests.

AVID II

Course No: 8546 **Credit: 1**
Prerequisite: None

AVID II is a refinement of the constructs in AVID I. In this elective course, students continue to refine and adjust their academic learning plans and goals as well as increase awareness of their actions and behaviors including academic time management and study skills. Students expand their writing portfolio to include: analyzing prompts, supporting arguments and claims, character analysis, and detailed reflections. Students participate in collaborative discussions and develop leadership skills in academic groupings. As part of the course, students expand their vocabulary use and continue preparation for college entrance exams and course work. Lastly, students narrow their college choices based on personal interests and goals.

AVID III

Course No: 8547 **Credit: 1**
Prerequisite: None

The AVID III course emphasizes rhetorical reading, analytical writing, collaborative discussion strategies, tutorial inquiry study groups, preparation for college entrance and placement exams, college study skills and test-taking strategies, note-taking and research. This course is the first part of a junior/senior seminar course that focuses on writing and critical thinking expected of first - and second - year college students. In addition to the academic focus of the AVID seminar, there are college-bound activities, methodologies and tasks that are undertaken during the junior year to support students as they apply to four-year universities and confirm their postsecondary plans.

AVID IV

Course No: 8550 **Credit: 1**
Prerequisite: None

AVID IV emphasizes rhetorical reading, analytical writing, collaborative discussion strategies, tutorial inquiry study groups, preparation for college entrance and placement exams, college study skills and test-taking strategies, note-taking and research. This course is the second part of a junior/senior seminar course that focuses on writing and critical thinking expected of first - and second-year college

students. Students complete a final research essay project from research conducted in their junior year in AVID. In addition to the academic focus of the AVID senior seminar, there are college - bound activities, methodologies and tasks that should be achieved during the senior year that support students as they apply to four-year universities and confirm postsecondary plans. All AVID seniors are required to develop and present a portfolio representing their years of work in the AVID program, as well as complete requirements for the seminar course.

Career Development

Career Preparation I

Course No: 7942 **Credits: 2**
Course No: 7943 **Credits: 3**

This course provides opportunities for students to participate in a learning experience that combines classroom instruction with paid business and industry employment experiences and supports strong partnerships among school, business and community stakeholders. This instructional arrangement should be an advanced component of a student's individual program of study. Students are taught employability skills, which include job-specific skills applicable to their training station, job interview techniques, communication skills, financial and budget activities, human relations and portfolio development. Each student will have an individual training plan that will address his/her job specific knowledge and skills. All students must follow the Texas Education Agency and SAISD guidelines for career preparation. Students must provide their own transportation daily to and from the worksite.

Career Preparation II

Course No: 7952 **Credits: 2**
Course No: 7953 **Credits: 3**

Prerequisite: Career Preparation I

This course develops essential knowledge and skills through classroom technical instruction and on-the-job training in an approved business and industry training area. Students develop skills for lifelong learning, employability, leadership, management, work ethics, safety and communication as a group; however, each student will have an individual training plan that addresses job-specific knowledge and skills. Approved training sponsors provide paid occupational training for a student. The training sponsor assists the teacher in providing the necessary knowledge and skills for the student's specific career preparation. Each student will have an individual training plan that addresses his/ her job specific knowledge and skills. All students must follow the Texas Education Agency and SAISD guidelines for career preparation. Students must

provide their own transportation daily to and from the worksite.

Problems and Solutions I

Course No: 7971 **Credit: 1**

Problems and Solutions II

Course No: 7973 **Credit: 1**

Prerequisite: Career Preparation

Students receive high school credit for solving real-world problems. Under the guidance and input of professional and business mentors, students use scientific methods of investigation to develop topical, research-based projects related to individual career interests. Research findings are presented to an audience that includes experts in student's chosen field. Earn one advanced measure for the Distinguished Achievement Program upon successful completion of class.

Career Preparation Work Pass

Course No: 7961 **Credit: N/A**
Work Pass (1p)
Course No: 7962 **Credit: N/A**
CP Work Pass (2p)
Course No: 7963 **Credit: N/A**
CP Work Pass (3p)
Course No: 7964 **Credit: N/A**
CP Work Pass (4p)

Work passes will be issued to students enrolled in Career Prep or Practicum courses. Students must have a completed Training Plan on file with the instructor prior to receiving a work pass. The training plan must be signed by the employer, parent, student and teacher. Students must provide their own transportation daily to and from the practicum site.

Innovative Courses

Technology Applications, AVID, Innovative

Course No: 8512
This course emphasizes leadership, personal responsibility and business skills. Students learn appropriate and effective techniques necessary to enhance self-concept and build healthy relationships. Students experience the opportunity of understanding emotional intelligence through self-awareness, self-control, self - motivation, and social skills. This course provides a forum for public speaking, communication and personal image. Students acquire an understanding of principle-based decision making and the effects of peer pressure.

Teen Leadership I

Course No: 8542

Credit: ½

exam on the assigned literature and theme content of materials provided for the Texas Academic Decathlon. The team is composed of nine students: three students with 'A' averages, three with 'B' averages and three with 'C' averages. If a student competes in Octathlon, he/she cannot participate in Decathlon. .

Teen Leadership II

Course No: 8543

Credit: 1

This course is the semester long extension of Teen Leadership 1 and builds on the emphasis of leadership, personal responsibility and business skills. Students continue to learn appropriate and effective techniques necessary to enhance self - concept and build healthy relationships. Students experience more complex opportunities of understanding emotional intelligence through self - awareness, self-control, self-motivation, and social skills. This course provides a forum for public speaking, communication and personal image. Students acquire an understanding of principle-based decision making and the effects of peer pressure.

PALS

Course No: 8541 (I)

Credit: 1

Prerequisites: Students must complete an application, submit recommendations, schedule and successfully complete an interview with PALS sponsor.

The Peer Assistance and Leadership Program (PAL) is a peer helping program in which selected high schools students are trained to work as peer helpers with students on their own campus, and/or feeder middle and elementary schools. Students have a chance to learn about themselves, clarify their values, strengthen their caring about others, as well as learn ways to make positive impacts on those around them.

Peer Assistance and Leadership Program (PALS) II

Credit: 1

Prerequisites: Students must successfully complete PALS I, complete an application, submit recommendations, and schedule and successfully complete an interview with the PALS sponsor.

Is an extension of PALS I, the peer helping program in which selected high schools students are trained to work as peer helpers with students on their own campus, and/or feeder middle and elementary schools. Students have a chance to learn about themselves, clarify their values, strengthen their caring about others, as well as learn ways to make positive impacts on those around them. PALS II provides a variety of advanced peer assistance service delivery options for students.

Octathlon

Course No: 8714

Credit: 1

Academic Octathlon is an elective for freshmen and sophomores who wish to compete in eight academic areas: art, language/literature, social science, science, mathematics, economics, music and Super Quiz. The Super Quiz event is an oral relay over all subjects. Students will also take an essay based

Academic Decathlon

Course No: 4712

Credit: 1

The Academic Decathlon team consists of a prestigious group of students who collaborate to prepare for and be tested over ten academic events. Students will learn to apply the knowledge and skills of a variety of topics and issues. Each year, the national Academic Decathlon competition specifies a curriculum for an identified historical period and/or theme, including social science, economics, history, music, art, mathematics, science, literature and Super Quiz. The Super Quiz event is an oral relay over all subjects. Students are required to take written exams in each of the areas previously mentioned as well as participate in interviews, essay-writing, and prepared speech events. The team is composed of nine students: three students with 'A' averages, three with 'B' averages and three with 'C' averages.

Alternative Curriculum Environment (ACE)

ALC English I

Course No: 9511

Credit: 1

Prerequisite: ARD/IEP recommendation.

This course is designed to teach students in a way that they will demonstrate the ability to understand and analyze a variety of written texts across reading genres to confirm word meaning when reading. Alternate content addresses individual needs of students' through the TEKS based "essence" statements.

ALC English II

Course No: 9512

Credit: 1

Prerequisite: ARD/IEP recommendation and ALC English I

This course is designed to teach the students in a way that they will demonstrate the ability to understand and analyze literary text across reading genres to identify the elements of fiction and non-fiction. Alternate content addresses individual needs of students' through the TEKS based "essence" statements.

ALC English III

Course No: 9513

Credit: 1

Prerequisite: ARD/IEP recommendation and ALC English I, II

This course is designed to teach the students in a way that they will demonstrate an ability to understand and analyze informative texts across reading genres to draw conclusions. Alternate content addresses individual needs of students' through the TEKS based "essence" statements.

ALC English IV

Course No: 9514

Credit: 1

Prerequisite: ARD/IEP recommendation and ALC English I, II, III

This course is designed to teach students in a way that they will demonstrate an understanding and ability to revise a variety of written text across reading genres as they relate to everyday living experiences. Alternate content addresses individual needs of students' through the TEKS based "essence" statements.

ALC Read I

Course No: 9501

Credit: 1

Prerequisite: ARD/IEP recommendation

This course is designed to provide intensive reading intervention for students focusing on accuracy and fluency as a basis for comprehension. Instruction includes word-attack skills; phonemic awareness; sound-symbol identification; sounding out regular and irregular words; and sentence reading. Alternate content addresses individual needs of students' through the TEKS based "essence" statements.

ALC Read II

Course No: 9502

Credit: 1

Prerequisite: ARD/IEP recommendation

This course is designed to provide intensive reading intervention for students focusing on accuracy and fluency as a basis for comprehension. Instruction includes decoding strategies for multi-syllabic words; sound/letter combinations; word endings; story reading; literal and inferential comprehension. Alternate content addresses individual needs of students' through the TEKS based "essence" statements.

ALC Read III

Course No: 9503

Credit: 1

Prerequisite: ARD/IEP recommendation

This course is designed to provide intensive reading intervention for students with a focus on accuracy and fluency as a basis for comprehension. Instruction includes multisyllabic word reading, skill applications, sound combinations, affixes, vocabulary development, reading expository text for understanding, recall of events, sequencing, and rate building. Alternate content addresses individual needs of students' through the TEKS based "essence" statements.

ALC Algebra I

Course No: 9521

Credit: 1

Prerequisite: ARD/IEP recommendation

This course is designed to teach the students functional relationships in a variety of ways to include a basic understanding of functions; using properties and attributes of functions, and understanding different representations of linear functions. Alternate content addresses individual needs of students' through the TEKS based "essence" statements. Alternate content addresses individual needs of students' through the TEKS based "essence" statements.

ALC Geometry

Course No: 9522

Credit: 1

Prerequisite: ARD/IEP recommendation

This course is designed to teach the students standards of geometry through essence statements that relate to everyday functional living experiences in the context of a real-world problem. Alternate content addresses individual needs of students' through the TEKS based "essence" statements.

ALC Math Models

Course No: 9523

Credit: 1

Prerequisite: ARD/IEP recommendation

This course is designed to strengthen students' understanding of algebraic reasoning through a variety of mathematical experiences to describe and explore real-world situations. Students use mathematical methods to model and solve real-life applied problems involving money, data, chance, patterns, music, design, and science. Alternate content addresses individual needs of students' through the TEKS based "essence" statements.

ALC Math IV (Local Credit)

Course No: 9524

Credit: 1

Prerequisite: ARD/IEP recommendation

This course is designed to provide explicit instruction in basic functional mathematical skills and concepts for relating problem solving to real life situations. Skills include whole numbers computations, fractions, measurement, money, time, place value, geometry, estimation and calculator use.

ALC Biology

Course No: 9531

Credit: 1

Prerequisite: ARD/IEP recommendation

This course is designed to teach students practical applications of topics that focus on essential health issues and scientific concepts which are necessary for employment and independent living, such as: personal safety, physical and psychological needs, first aid, diseases and prevention, self-advocacy, ecology, body systems, classification systems, household chemistry, function of plants and

animals; energy transfers in living systems; and genetic traits. Alternate content addresses individual needs of students' through the TEKS based "essence" statements.

ALC IPC

Course No: 9532

Credit: 1

Prerequisite: ARD/IEP recommendation

ALC Integrated Physics and Chemistry (IPC)

This course is designed to provide Students study the disciplines of physics and chemistry including force, motion, energy, and matter through laboratory and field investigations, using scientific methods, critical thinking and problem solving. Alternate content addresses individual needs of students' through the TEKS based "essence" statements.

ALC Environmental Systems

Course No: 9533

Credit: 1

Prerequisite: ARD/IEP recommendation

This course is designed to teach students skills involved in sanitation, medication, chemical mixtures and reactions, and relating basic science to employment and independent living practices and experience community - based instruction. Alternate content addresses individual needs of students' through the TEKS based "essence" statements.

ALC World Geography

Course No: 9541

Credit: 1

Prerequisite: ARD/IEP recommendation

This course is designed to teach students about the interaction of people and cultures with their environment. Attention is given to directions, the locations of resources within the home, school, community, and the world. Experiences include community-based instruction and local bus training. Alternate content addresses individual needs of students' through the TEKS based "essence" statements.

ALC World History

Course No: 9542

Credit: 1

Prerequisite: ARD/IEP recommendation

This course is designed to teach students basic skills relating to timelines of events, cause and effect, and to people and cultures within the school, community, and work. Experiences include community-based instruction and local bus training. Alternate content addresses individual needs of students' through the TEKS based "essence" statements.

ALC US History

Course No: 9543

Credit: 1

Prerequisite: ARD/IEP recommendation

This course is designed to teach students about historical events that have shaped the United States and the local community. Experience includes community-based instruction and local bus training. Alternate content addresses individual needs of

students' through the TEKS based "essence" statements.

ALC Government

Course No: 9544

Credit: ½

Prerequisite: ARD/IEP recommendation

This course is designed to teach students about self - advocacy and the qualities of good citizenship will be emphasized. Attention is given to registering for services with governmental agencies, and to 18 year-old male students registering for selective services. The option to register to vote will be afforded to all eligible students. Experiences include community-based instruction. Alternate content addresses individual needs of students' through the TEKS based "essence" statements.

ALC Economics

Course No: 9545

Credit: ½

Prerequisite: ARD/IEP recommendation

This course allows students to demonstrate skills relating to banking, purchasing goods and services, and general money management. Accessing consumer and emergency services is explored through community-based instruction. Alternate content addresses individual needs of students' through the TEKS based "essence" statements.

ALC Technology (Local Credit)

Course No: 9551

Credit: 1

Prerequisite: ARD/IEP recommendation

This course is designed to introduce students to practical personal technology applications. technology used includes, but is not limited to, personal computers, calculators, telephones, augmentative communication programs and devises, and various Special Education assistive technologies to meet individual needs of students.

ALC Health

Course No: 9552

Credit: ½

Prerequisite: ARD/IEP recommendation

This course addresses personal behavior regarding wellness health issues including nutrition, personal hygiene, the proper use of personal medications, emotions and behavior, alcohol, drugs, tobacco, CPR, sex education, and safety. Alternate content addresses individual needs of students' through the TEKS based "essence" statements.

ALC Communication Application

Course No: 9553

Credit: ½

Prerequisite: ARD/IEP recommendation

This course allows students to demonstrate skills in self-advocacy, communication at home, school, and work and in the community. Experiences include community-based instruction and local bus training. Alternate content addresses individual needs of students' through the TEKS based "essence" statements.

ALC Art I

Course No: 9571 **Credit: 1**
This course is designed to introduce the student to the various art forms and to develop an appreciation for history of art. Students will have the opportunity to display their products at various school activities.

ALC CBVI I (Local Credit)

Course No: 9621 **Credits: 1**
Course No: 9622 **Credits: 3**
Prerequisite: ARD/IEP recommendation
This course is designed to give students placement in a work setting. Independent, cooperative, and group activities are provided in a combination of school and community-based vocational instructional settings.

ALC CBVI II (Local Credit)

Course No: 9623 **Credits: 2**
Course No: 9624 **Credits: 3**
Prerequisite: ARD/IEP recommendation
This course continues to emphasize development of skills necessary for placement in a work setting. Independent, cooperative, and group activities are provided in a combination of school and community - based vocational instructional settings. Prerequisite: ARD/IEP recommendation.

ALC CBVI III (Local Credit)

Course No: 9625 **Credits: 2**
Course No: 9626 **Credits: 3**
Prerequisite: ARD/IEP recommendation
This course continues to emphasize development of skills necessary for placement in a work setting. Independent, cooperative, and group activities are provided in a combination of school and community-based vocational instructional settings.

ALC District Internship I (Local Credit)

Course No: 9631 (Year 1) **Credit: 1**
Course No: 9632 (Year 2) **Credit: 1**
Prerequisite: ARD/IEP recommendation
This course provides students with independent work skills in preparation for future community - based vocational instruction and/or other work settings such as a sheltered workshop. Activities are provided for the student's use of SAISD facilities, materials, persons, and /or tasks at district departments.

ALC Vocational Internship I (Local Credit)

Course No: 9633 **Credit: 1**
Course No: 9634 **Credits: 2**
Course No: 9635 **Credits: 3**
Prerequisite: ARD/IEP recommendation
This course assists students in making a smooth transition from academic pursuits to employment in a non-paid or paid vocational internship setting outside of SAISD. Students apply academic and

personal skills in a work setting. Employability skills are emphasized.

ALC Vocational Internship II (Local Credit)

Course No: 9636 **Credit: 1**
Course No: 9637 **Credits: 2**
Course No: 9638 **Credits: 3**
Prerequisite: ARD/IEP recommendation
This course continues to assist students in making a smooth transition from academic pursuits to employment in a non-paid vocational internship setting outside of SAISD. Students experience how academics are utilized in a work setting and apply personal skills. Employability skills are emphasized.

ALC Pre Vocational I, II (Local Credit)

Course No: 9641 (Year 1) **Credit: 1**
Course No: 9472 (Year 2) **Credit: 1**
Prerequisite: ARD/IEP recommendation
This course provides students with special work programs if they want to acquire basic skills related to getting and keeping a job. Emphasis is placed on identification of personal preferences and interests, the development of skills for employment including job search, job placement and job retention. Some job shadowing may be appropriate.

ALC Vocational Skills I, II, III, IV, V, VI (Local Credit)

Course No: 9643 (Year 1) **Credit: 1**
Course No: 9644 (Year 2) **Credit: 1**
Course No: 9645 (Year 3) **Credit: 1**
Course No: 9646 (Year 4) **Credit: 1**
Course No: 9647 (Year 5) **Credit: 1**
Course No: 9648 (Year 6) **Credit: 1**
Prerequisite: ARD/IEP recommendation.
This course is designed to provide students with work skills in preparation for future community - based vocational instruction and/or other work settings such as a sheltered workshop. Skills targeted may include assembly, pricing, labeling, folding, and stuffing, stapling, dusting, sweeping, mopping, sorting, pick-up and delivery of items, filing and cleaning tabletops. Social skills will also be an integral component of this course. Activities include in-school business partnerships and on-campus jobs. Some job shadowing may be appropriate.

ALC Recreation & Leisure Skills I, II, III, IV (Local Credit)

Course No: 9651 (Year 1) **Credit: 1**
Course No: 9652 (Year 2) **Credit: 1**
Course No: 9653 (Year 3) **Credit: 1**
Course No: 9654 (Year 4) **Credit: 1**
Prerequisite: ARD/IEP recommendation
This course is designed to enable students to engage in enjoyable recreational activities independently and with others. Specific reaction and leisure time activities with family and friends are taught as well as social skills such as cooperation, communication, and good sportsmanship.

Experiences may include community-based instruction and local bus training.

ALC Domestic Skills I, II, III, IV (Local Credit)

Course No: 9661 (Year 1) **Credit: 1**
Course No: 9662 (Year 2) **Credit: 1**
Course No: 9663 (Year 3) **Credit: 1**
Course No: 9664 (Year 4) **Credit: 1**
Prerequisite: ARD/IEP recommendation
This course is designed to enable students to learn and demonstrate basic cooking, housekeeping, laundry, personal safety, and self-care. The courses are taught through a combination of school and community-based activities.

ALC Life Skills I, II, III (Local Credit)

Course No: 9665 (Year 1) **Credit: 1**
Course No: 9666 (Year 2) **Credit: 1**
Course No: 9667 (Year 3) **Credit: 1**
Course No: 9668 (Year 4) **Credit: 1**
Prerequisite: ARD/IEP recommendation
This course is designed for students who require a highly structured, consistent, small group setting. An alternate curriculum incorporating a variety of areas such as domestic, recreation and leisure, functional academics, self-care, vocational, and community will be used to meet the individual needs of the students.

ALC VAC I (Local Credit)

Course No: 9671 **Credit: 1**
Course No: 9673 **Credits: 3**
Course No: 9675 **Credits: 5**
Course No: 9672 **Credits: 2**
Course No: 9674 **Credits: 4**
Course No: 9676 **Credits: 6**
Prerequisite: ARD/IEP recommendation
Students apply academic and personal skills in a work setting. Learning self-discipline is explored in the context of interpersonal skill development and self-awareness along with self-initiative, follow through, and best effort. Employability skills are emphasized..

ALC VAC II (Local Credit)

Course No: 9681 **Credit: 1**
Course No: 9684 **Credits: 4**
Course No: 9687 **Credits: 7**
Course No: 9682 **Credits: 2**
Course No: 9685 **Credits: 5**
Course No: 9683 **Credits: 3**
Course No: 9686 **Credits: 6**
Prerequisite: ARD/IEP recommendation
This course will assist students in making a smooth transition from academic pursuits to employment. Areas addressed include: skills and interests; job performance evaluations; positive, productive work experiences; work ethic and job attitudes; co - worker, supervisor, and customer relationships; safety; decision making; fiscal responsibility; corrective feedback or criticism; and collaboration.

ALC VAC III (Local Credit)

Course No: 9691	Credit: 1
Course No: 9694	Credits: 4
Course No: 9697	Credits: 7
Course No: 9692	Credits: 2
Course No: 9695	Credits: 5
Course No: 9693	Credits: 3
Course No: 9696	Credits: 6

Prerequisite: ARD/IEP recommendation

This course addresses employment skills through successful employment in paid vocational settings. Learning self-discipline is explored in the context of interpersonal skill development and self-awareness along with self-initiative, follow through and best effort.

ALC Community Based Experience I, II, III, IV

(Local Credit)	
Course No: 9611 (Year 1)	Credit: 1
Course No: 9612 (Year 2)	Credit: 1
Course No: 9613 (Year 3)	Credit: 1
Course No: 9614 (Year 4)	Credit: 1

Prerequisite: ARD/IEP recommendation

This course is designed to enable students to engage in successfully accessing the community. It includes basic map skills, bus-riding skills, safety skills, locating activities and places in the school, neighborhood, city, and state. Content is geared to individual needs of students.

ALC AYVP (Local Credit)

Course No: 9701 (Year 1)	Credit: 1
Course No: 9702 (Year 2)	Credit: 1
Course No: 9703 (Year 3)	Credit: 1
Course No: 9704 (Year 4)	Credit: 1

Prerequisite: ARD/IEP recommendation

Students are enrolled in the Adult Years Vocational Program to continue transition on Post-Secondary goals as outlined in the student's individual education plan (IEP).



Section IV:

High School Course Offering Map





SAISD


SAISD Disclaimer:


The contents of the High School Information Guide are relevant to SAISD Policy (LEGAL and LOCAL) and Administrative Procedures as of January 2016. For current information regarding district policy, please refer to the San Antonio Independent School District website at [SAISD Board Policy Manual](#) or visit with your school counselor.


Specific school-related questions should be directed to campus staff. When a parent or guardian has a question or concern, he or she should contact the person who made the initial decision. If the concern continues after the discussion, the principal should be contacted.


San Antonio Independent School District does not discriminate on the basis of race, religion, color national origin, sex, or disability in providing education services, activities, and programs, including vocational programs, in accordance with Title VI of the Civil Rights Act of 1964, as amended; Title IX of the Educational Amendments of 1972; section 504 of the Rehabilitation Act of 1973, as amended.


Advanced Academics			<div></div> <div>High School Courses</div>		Brackenridge HS	Burbank HS	Edison HS	Fox Tech HS	Highlands HS	Houston HS	Jefferson HS	Lanier HS	St. Philips ECHS	Travis ECHS	YWLA	Navarro AC	Cooper AC	Pickett AC	Phoenix	
					English Language Arts Courses															
			1741	Advanced Broadcasting Journalism I	Y															
			1742	Advanced Broadcasting Journalism II	Y															
			1743	Advanced Broadcasting Journalism III	Y															
			9553	ALC Communication Applications	Y	Y	Y		Y	Y	Y	Y								
			1552	Analysis of Visual Media	Y															
	◆	◆	1880	AP DC English Language																
	◆	◆	1881	AP DC English Literature																
	◆		1236	AP English Language	Y	Y	Y	Y	Y	Y	Y	Y							Y	
	◆		1237	AP English Language GT	Y	Y	Y	Y	Y	Y	Y	Y								
	◆		1246	AP English Literature	Y	Y	Y	Y	Y	Y	Y	Y			Y				Y	
	◆		1247	AP English Literature GT	Y	Y	Y	Y	Y	Y	Y				Y					
			9111	BSC English I		Y				Y								Y		
			9112	BSC English II						Y								Y		
			9113	BSC English III						Y								Y		
			9114	BSC English IV						Y								Y		
			9101	BSC Reading I			Y				Y							Y		
			9102	BSC Reading II		Y	Y				Y							Y		
			9103	BSC Reading III		Y	Y				Y							Y		
			9103	BSC Reading IV		Y	Y											Y		
			9104	BSC Reading IV		Y	Y				Y									
			1707	College Prep ELA	Y	Y	Y		Y	Y	Y	Y							Y	
			1708	College Prep Math	Y	Y	Y		Y	Y	Y	Y							Y	
			1560	Communication Applications	Y	Y	Y		Y	Y	Y	Y		Y		Y	Y	Y	Y	
		◆	1561	Communication Applications DC	Y									Y	Y					
			1711	Creative/Imaginative Writing		Y					Y	Y			Y					
			1553	Creative Writing (½ Cr)	Y		Y		Y	Y										
		◆	1568	Creative Writing DC										Y						
			1721	Debate I					Y											
			1722	Debate II					Y											
			1723	Debate III					Y											
			1816	ELA Reading/Writing Intervention		Y	Y		Y	Y		Y								
◆			1238	English A1 HL IB (Year 1)		Y														
◆			1248	English A1 HL IB (Year 2)		Y														
◆			1249	English A1 HL IB/GT (Year 2)		Y														
◆			1239	English A1 HL IB/GT(Year 1)		Y														
			1211	English I	Y	Y	Y		Y	Y	Y	Y								
			1213	English I	Y	Y	Y		Y	Y	Y	Y								
			1214	English I	Y	Y	Y		Y	Y	Y	Y				Y				
			1212	English I M		Y	Y		Y		Y									
			1215	English I Pre-AP	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y				
			1216	English I Pre-AP/GT	Y	Y	Y	Y	Y	Y	Y	Y		Y	Y					
			1217	English I Pre-IB		Y														
			1218	English I Pre-IB/GT		Y														
			1221	English II	Y	Y	Y		Y	Y	Y	Y								
			1223	English II	Y	Y	Y		Y	Y	Y	Y								
			1224	English II	Y	Y	Y		Y	Y	Y	Y								
			1222	English II M	Y	Y	Y		Y	Y	Y									
			1225	English II Pre-AP	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y					
			1226	English II Pre-AP/GT	Y	Y	Y	Y	Y	Y	Y	Y		Y	Y	Y				
			1227	English II Pre-IB		Y														
			1228	English II Pre-IB/GT		Y														
			1230	English III											Y					
			1231	English III	Y	Y	Y		Y	Y	Y	Y	Y	Y						
			1233	English III	Y	Y	Y		Y	Y	Y	Y								
			1234	English III CP	Y	Y	Y	Y	Y	Y	Y	Y		Y					Y	
		◆	1235	English III DC		Y						Y	Y	Y						
			1232	English III M		Y	Y		Y	Y	Y									
			1241	English IV	Y	Y	Y		Y	Y	Y	Y							Y	
			1242	English IV		Y				Y	Y									
			1243	English IV	Y	Y	Y		Y	Y	Y	Y								


Advanced Academics			 High School Courses		Brackenridge HS	Burbank HS	Edison HS	Fox Tech HS	Highlands HS	Houston HS	Jefferson HS	Lanier HS	St. Phillips ECHS	Travis ECHS	YWLA	Navarro AC	Cooper AC	Pickett AC	Phoenix
ib	AP	DUAL CREDIT																	
			1244	English IV	Y	Y	Y	Y	Y	Y	Y	Y		Y					Y
		◆	1245	English IV DC		Y					Y			Y	Y				
			1250	English V: Independent Study	Y	Y	Y							Y					
			1210	ESOL I	Y	Y	Y		Y	Y	Y	Y							
			1220	ESOL II	Y	Y	Y		Y	Y	Y	Y							
			1603	Freshman Reading A												Y			
			1604	Freshman Reading B												Y			
			1713	Humanities	Y		Y												
			1714	Humanities Pre-IB		Y													
			1712	Independent Study English											Y				
◆			1719	Independent Study English IB		Y													
			1718	Journalism	Y	Y			Y		Y								
			1761	Journalism/Newspaper I	Y						Y								
			1762	Journalism/Newspaper II	Y						Y								
			1763	Journalism/Newspaper III	Y						Y								
			1751	Journalism/Yearbook I		Y			Y		Y	Y							
			1752	Journalism/Yearbook II		Y			Y		Y	Y							
			1753	Journalism/Yearbook III					Y			Y							
			1551	Legal Communication															
			1731	Oral Interpretation I															
			1732	Oral Interpretation II															
			1733	Oral Interpretation III															
			1716	Photojournalism		Y			Y		Y								
			1558	Practical Writing 1A (½ Cr)	Y		Y		Y	Y									
			1559	Practical Writing 1B (½ Cr)	Y		Y		Y	Y									
			1813	Practical Writing A												Y			
			1814	Practical Writing B												Y			
			1717	Practical Writing Skills (1 Cr)		Y	Y		Y		Y	Y							Y
			1660	Read 180 (2 Periods)	Y	Y	Y				Y	Y							
			1661	Read 180 I	Y	Y	Y		Y	Y	Y	Y							
			1671	Read 180 I	Y		Y		Y	Y	Y								
			1662	Read 180 II	Y		Y		Y	Y	Y								
			1672	Read 180 II	Y	Y	Y		Y	Y	Y								
			1663	Read 180 III	Y		Y		Y	Y	Y								
			1673	Read 180 III	Y		Y		Y		Y								
			1780	Reading 180 (2 Periods)	Y	Y	Y				Y	Y							
			1771	Reading I	Y		Y		Y	Y	Y			Y					
			1770	Reading I (2 Periods)	Y	Y	Y				Y	Y							
			1772	Reading II	Y	Y	Y		Y	Y	Y	Y		Y					
			1777	Reading II (2 Periods)	Y	Y	Y				Y	Y							
			1773	Reading III	Y		Y		Y	Y	Y			Y					
			1781	Reading Intervention I	Y	Y	Y		Y	Y	Y	Y							
			1790	Reading Intervention I		Y													
			1782	Reading Intervention II	Y	Y	Y		Y	Y	Y	Y							
			1791	Reading Intervention II		Y													
			1783	Reading Intervention III	Y	Y	Y		Y	Y	Y	Y							
			1792	Reading Intervention III		Y													
			1554	Research/Technical Writing (½ Cr)	Y		Y		Y	Y									
			1710	Research/Technical Writing (1 Cr)		Y						Y	Y						
◆			1709	Research/Technical Writing IB		Y													
			1706	SAT College Ready											Y				
			1705	Scholastic Aptitude Test Prep (1 Cr)															
			1705	Scholastic Aptitude Test Prep (SAT Prep) 1 CR															
Mathematics Courses																			
			2524	Advanced Quantitative Reasoning (AQR)	Y	Y	Y	Y	Y	Y	Y	Y	Y						Y
			2211	Algebra I	Y	Y	Y		Y	Y	Y	Y							
			2213	Algebra I	Y	Y	Y		Y	Y	Y	Y							
			2214	Algebra I	Y	Y	Y		Y	Y	Y	Y				Y	Y		Y
			2242	Algebra I M (2 Periods)		Y													
			2241	Algebra I (2 Periods)		Y													
			2243	Algebra I (2 Periods)		Y													
			2244	Algebra I (2 Periods)		Y													
			2212	Algebra I M	Y	Y	Y		Y		Y								





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ib	AP	DUAL CREDIT	High School Courses																
			2215	Algebra I Pre-AP	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y			
			2216	Algebra I Pre-AP/GT	Y		Y	Y	Y	Y	Y	Y		Y					
			2217	Algebra I Pre-IB		Y													
			2231	Algebra II	Y	Y	Y		Y	Y	Y	Y							Y
			2232	Algebra II	Y	Y	Y		Y	Y	Y	Y							Y
			2233	Algebra II	Y	Y	Y		Y	Y	Y	Y							Y
			2236	Algebra II P-IB		Y													
			2237	Algebra II P-IB/GT		Y													
			2234	Algebra II Pre-AP	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y			Y
			2235	Algebra II Pre-AP/GT	Y	Y	Y	Y	Y	Y	Y	Y	Y		Y	Y			
	◆		2481	AP Calculus AB	Y	Y	Y	Y	Y	Y	Y	Y	Y		Y	Y			
	◆		2482	AP Calculus BC	Y	Y			Y			Y							
	◆		2491	AP Statistics	Y		Y				Y	Y			Y				
			9121	BSC Algebra I M						Y									
			9122	BSC Geometry M						Y									
			2282	BSC Math Models Applications		Y													
			9123	BSC Math Models Applications						Y									
	✱		2499	Computer Science AP-A															
			2497	Computer Science Pre-AP															
		◆	2884	DE Pre-Calculus DC				Y		Y			Y						
		◆	2885	DE Statistics DC	Y			Y											
			2221	Geometry	Y	Y	Y			Y	Y	Y							
			2223	Geometry	Y	Y	Y		Y	Y	Y	Y							
			2224	Geometry	Y	Y	Y		Y	Y	Y	Y							Y
			2222	Geometry M		Y	Y			Y	Y								
			2225	Geometry Pre-AP	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y			
			2226	Geometry Pre-AP/GT	Y	Y	Y	Y	Y	Y	Y	Y	Y		Y	Y			
			2227	Geometry Pre-IB		Y													
			2521	Math Independent Study											Y				
			2013	Math Intervention I					Y	Y	Y	Y							Y
			2015	Math Intervention III			Y				Y								
			2016	Math Intervention IV							Y								
◆			2493	Math Methods SL IB		Y													
			2281	Math Models Applications	Y	Y	Y		Y	Y	Y								
			2283	Math Models Applications	Y	Y	Y		Y	Y	Y								
			2284	Math Models Applications	Y	Y	Y		Y	Y	Y	Y							
◆			2495	Math SL															
◆			2492	Math Studies SL IB		Y													
		◆	2471	Pre-Calculus	Y	Y	Y		Y	Y	Y	Y							Y
			2880	Pre-Calculus DC											Y				
			2472	Pre-Calculus Pre-AP	Y	Y	Y		Y		Y	Y		Y	Y				Y
			2473	Pre-Calculus Pre-AP/GT	Y	Y	Y		Y		Y	Y		Y	Y				
			2474	Pre-Calculus Pre-IB/GT		Y													
Science Courses																			
	◆		3230	AP Biology	Y		Y	Y		Y	Y	Y			Y				
	◆		3231	AP Biology GT			Y	Y		Y					Y				
	◆		3250	AP Chemistry															
	◆		3583	AP Environmental Science (Elective)	Y		Y								Y				
	◆		3283	AP Physics	Y	Y	Y	Y	Y		Y				Y				
	◆		3294	AP Physics C: Electricity & Magnetism															
	◆		3295	AP Physics C: Electricity & Magnetism GT															
	◆		3275	AP Physics C: Mechanics															
	◆		3274	AP Physics C: Mechanics GT															
	◆		3284	AP Physics II				Y			Y								
			3621	Astronomy			Y					Y			Y				
			3221	Biology	Y	Y	Y		Y	Y	Y	Y							
			3223	Biology	Y	Y	Y		Y	Y	Y	Y							
			3224	Biology	Y	Y	Y		Y	Y	Y	Y				Y			
		◆	3229	Biology DC			Y												
			3222	Biology M	Y	Y	Y		Y		Y								
			3225	Biology Pre-AP	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y			
			3226	Biology Pre-AP/GT	Y	Y	Y	Y	Y	Y	Y	Y		Y	Y				
◆			3232	Biology SL IB (Year 1)		Y													
◆			3233	Biology SL IB/GT(Year 1)		Y													





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ib	AP	DUAL CREDIT	High School Courses																
			9131	BSC Biology						Y								Y	
			9132	BSC Integrated Physics & Chemistry (IPC)						Y								Y	
			3241	Chemistry	Y	Y	Y		Y	Y	Y	Y							
			3242	Chemistry	Y	Y	Y		Y	Y	Y	Y							
			3243	Chemistry	Y	Y	Y		Y	Y	Y	Y							Y
		◆	3249	Chemistry DC							Y								
			3244	Chemistry I Pre-AP	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y				
			3245	Chemistry I Pre-AP/GT	Y	Y	Y	Y	Y	Y	Y	Y		Y	Y				
			3246	Chemistry I Pre-IB		Y													
			3247	Chemistry I Pre-IB/GT		Y													
			3211	Integrated Physics & Chemistry (IPC)	Y	Y	Y		Y	Y	Y	Y							
			3213	Integrated Physics & Chemistry (IPC)	Y	Y	Y		Y	Y	Y	Y							
			3214	Integrated Physics & Chemistry (IPC)	Y	Y	Y		Y	Y	Y	Y	Y						
			3212	Integrated Physics & Chemistry (IPC) BSC		Y	Y										Y		
			3261	Physics	Y	Y	Y		Y	Y	Y	Y							Y
			3262	Physics	Y	Y	Y		Y	Y	Y	Y							
			3263	Physics	Y	Y	Y		Y	Y	Y	Y							Y
		◆	3268	Physics DC										Y					
			3264	Physics Pre-AP					Y	Y		Y		Y					Y
			3265	Physics Pre-AP/GT					Y	Y		Y		Y					
			8093	Science Enrichment											Y				
			3581	Science Environmental Systems (Elective)	Y	Y	Y		Y	Y	Y	Y		Y				Y	Y
			3009	Science Intervention			Y			Y	Y	Y							
Social Studies Courses																			
	◆		4271	AP European History											Y				
	◆		4286	AP Government		Y													Y
	◆		4257	AP Government GT	Y		Y	Y	Y	Y	Y	Y			Y				
	◆		4287	AP Government GT		Y													
	◆		4524	AP Human Geography										Y	Y				
	◆		4268	AP Macroeconomics			Y	Y	Y										
	◆		4294	AP Macroeconomics		Y													Y
	◆		4269	AP Macroeconomics GT			Y	Y	Y										
	◆		4295	AP Macroeconomics GT		Y													
	◆		4266	AP Microeconomics	Y		Y			Y	Y	Y							
	◆		4267	AP Microeconomics GT	Y		Y			Y	Y								
	◆		4521	AP Psychology					Y										
	◆		4522	AP Psychology											Y				
	◆		4236	AP United States History	Y	Y	Y	Y	Y	Y	Y	Y			Y				Y
	◆		4256	AP US Government	Y		Y	Y	Y	Y	Y	Y			Y				
	◆		4237	AP US History GT	Y	Y	Y	Y	Y	Y	Y					Y			
	◆		4229	AP World History	Y	Y	Y	Y			Y	Y			Y				
			9141	BSC Economics						Y								Y	
			9144	BSC Government						Y								Y	
			9143	BSC US History		Y				Y								Y	
			9141	BSC World Geography															
			9142	BSC World History						Y								Y	
			4515	Civil Law															
			4516	Civil Law II															
		◆	4265	Economics DC															
			4264	Economics with Emphasis on the Free Enterprise Systems and Its Benefits (CP)	Y	Y	Y		Y	Y	Y	Y		Y	Y				Y
			4263	Economics with Emphasis on the Free Enterprise Systems and Its Benefits (CS)	Y	Y	Y		Y	Y	Y	Y							
			4262	Economics with Emphasis on the Free Enterprise Systems and Its Benefits (MI)		Y												Y	
			4261	Economics with Emphasis on the Free Enterprise Systems and Its Benefits (SH)	Y	Y	Y		Y	Y	Y	Y							
			4611	Foundation of American Legal System															
◆			4238	History of the Americas IB (Year 1)		Y													
◆			4140	History of the Americas IB (Year 2)															
◆			4240	History of the Americas IB (Year 2)		®													
◆			4241	History of the Americas IB/GT (Year 2)		Y													
◆			4239	History of the Americas IB/GT (Year 1)		Y													





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ib	AP	DUAL CREDIT	High School Courses																
			4520	Psychology															
		◆	4523	Psychology DC						Y			Y	Y					
			4519	Sociology	Y		Y	Y		Y	Y					Y			
		◆	4518	Sociology DC									Y	Y					
			4510	Special Topics (10 th Grade)					Y			Y			Y				
			4511	Special Topics (11 th Grade)					Y			Y							
			4512	Special Topics (12 th Grade)			Y		Y										
			4613	Special Topics Advanced (Legal Internship)															
		◆	4301	Special Topics I DC										Y					
		◆	4302	Special Topics II DC										Y					
		◆	4303	Special Topics III DC										Y					
			4612	Special Topics SS (Legal Research)															
			4251	US Government	Y	Y	Y		Y	Y	Y	Y							Y
			4254	US Government	Y	Y	Y		Y	Y	Y	Y		Y					Y
			4259	US Government		Y													
			4253	US Government (CS)	Y	Y	Y		Y	Y	Y	Y							
			4252	US Government BSC		Y													
		◆	4255	US Government DC			Y							Y					
			4231	US History	Y	Y	Y		Y	Y	Y	Y							Y
			4233	US History	Y	Y	Y		Y	Y	Y	Y							
			4234	US History	Y	Y	Y		Y	Y	Y	Y		Y					Y
		◆	4235	US History DC			Y	Y						Y					
			4232	US History M	Y	Y	Y		Y	Y	Y								
			4211	World Geography	Y	Y	Y		Y	Y	Y	Y							
			4213	World Geography	Y	Y	Y		Y	Y	Y	Y							
			4214	World Geography	Y	Y	Y		Y	Y	Y	Y							
			4212	World Geography M		Y	Y			Y									
			4215	World Geography Pre-AP	Y	Y	Y	Y	Y	Y	Y	Y		Y					
			4216	World Geography Pre-AP/GT	Y	Y	Y	Y	Y	Y	Y	Y		Y					
			4217	World Geography Pre-IB		Y													
			4218	World Geography Pre-IB/GT		Y													
			4221	World History	Y	Y	Y		Y	Y	Y	Y							
			4223	World History	Y	Y	Y		Y	Y	Y	Y							
			4224	World History	Y	Y	Y		Y	Y	Y	Y							
		◆	4230	World History AP/GT	Y	Y	Y	Y			Y	Y			Y				
			4222	World History M		Y	Y			Y	Y								
			4225	World History Pre-AP	Y	Y	Y		Y	Y		Y	Y	Y					
			4226	World History Pre-AP/GT	Y	Y	Y		Y	Y		Y	Y	Y					
Languages Other Than English (LOTE) Courses																			
			5301	American Sign Language (ASL) I											Y				
			5302	American Sign Language (ASL) II															
			5303	American Sign Language (ASL) III															
			5304	American Sign Language (ASL) IV															
			5301	American Sign Language I															
		◆	5268	AP Chinese IV Language	Y														
		◆	5237	AP French IV Language & Culture	Y														
		◆	5238	AP French V Literature	Y														
		◆	5257	AP German IV Language & Culture	Y														
		◆	5278	AP Japanese IV Language	Y														
		◆	5295	AP Latin V Virgil															
		◆	5581	AP Spanish 4 DC			Y												
		◆	5221	AP Spanish V Language & Culture	Y	Y	Y		Y		Y	Y			Y				
		◆	5222	AP Spanish V Literature & Culture	Y	Y	Y		Y		Y				Y				
			5541	AT French 1A											Y				
			5542	AT French 1B											Y				
			5543	AT French 2A					Y										
			5544	AT French 2B					Y										
			5531	AT Spanish 1A					Y						Y				
			5261	Chinese I	Y														
			5262	Chinese II	Y														
			5263	Chinese III	Y										Y				
			5264	Chinese IV Pre-AP	Y														
			5265	Chinese V	Y														
			5231	French I	Y						Y				Y				





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ib	AP	DUAL CREDIT																	
			5233	French II	Y						Y								
			5236	French III Pre-AP	Y						Y								
			5239	French VI Independent Study	Y														
			5251	German I	Y														
			5253	German II	Y														
			5255	German III	Y														
			5258	German V	Y														
			5259	German VI	Y														
			5271	Japanese I	Y														
			5272	Japanese II	Y														
			5273	Japanese III	Y														
			5274	Japanese IV	Y														
			5275	Japanese V	Y														
			5276	Japanese VI	Y														
			5291	Latin I											Y				
			5292	Latin II											Y				
			5293	Latin III															
			5294	Latin IV Pre-AP															
			5296	Latin VI Independent Study															
			5611	MSPP Spanish 1A												Y			
			5612	MSPP Spanish 1B												Y			
			5281	Russian I	Y														
			5282	Russian II	Y														
			5283	Russian III	Y						Y								
			5284	Russian IV Pre-AP	Y														
			5285	Russian V	Y														
			5286	Russian VI Independent Study	Y														
		◆	5578	Spanish 1 DC								Y	Y						
		◆	5579	Spanish 2 DC									Y						
		◆	5582	Spanish 3 DC								Y							
		◆	5583	Spanish 4 DC									Y						
			5211	Spanish I	Y	Y	Y	Y	Y	Y	Y	Y	Y		Y				Y
			5212	Spanish I Pre-AP		Y	Y							Y					
			5213	Spanish I Pre-IB		Y													
			5501	Spanish IA	Y														
			5214	Spanish II	Y	Y	Y	Y	Y	Y	Y	Y	Y		Y				Y
			5215	Spanish II Pre-AP									Y						
			5216	Spanish II Pre-IB		Y													
			5217	Spanish III	Y	Y	Y		Y	Y	Y	Y			Y				Y
		◆	5220	Spanish III DC: Intermediate Spanish (2331 sac)			Y						Y						
			5218	Spanish III Pre-AP									Y						
			5219	Spanish III Pre-IB		Y													
◆			5223	Spanish IV IB HL (Year 1)		Y													
◆			5224	Spanish V IB HL (Year 2)		Y													
◆			5225	Spanish VI Independent Study	Y	Y	Y												
English Language Arts Courses																			
			6471	Acting Methods I										Y					
	◆		6436	AP Art 3D	Y														
	◆		6431	AP Art Drawing	Y			Y											
	◆		6432	AP Art History							Y								
	◆		6435	AP Studio Art 2D				Y			Y								
			6643	Applied Music I		Y			Y		Y								
			6644	Applied Music II Pre-AP		Y			Y		Y								
		◆	6439	Art Appreciation DC				Y											
◆			6433	Art Design SL (Year 1)		Y													
◆			6437	Art Design SL (Year 2)		Y													
			5607	Art History III A													Y		
			6411	Art I	Y	Y	Y	Y	Y	Y	Y	Y	Y		Y				Y
			6418	Art II Ceramics	Y		Y				Y								
			6414	Art II Drawing	Y	Y	Y	Y	Y	Y	Y	Y			Y				
			6412	Art II Painting	Y	Y	Y		Y		Y	Y			Y			Y	
			6419	Art II Photography															
			6417	Art II Sculpture	Y		Y				Y	Y							





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ib	AP	DUAL CREDIT																	
			6425	Art III Ceramics	Y		Y												
			6421	Art III Drawing	Y	Y	Y	Y		Y	Y	Y						Y	
			6422	Art III Painting	Y		Y		Y			Y							
			6423	Art III Printing								Y							
			6426	Art III Sculpture	Y		Y				Y	Y							
			6438	Art IV Sculpture		Y													
			6821	Band 1 Fall	Y	Y	Y		Y	Y	Y	Y							
			6841	Band 1 Spring	Y	Y	Y		Y	Y	Y	Y							
			6822	Band 2 Fall	Y	Y	Y		Y	Y	Y	Y							
			6842	Band 2 Spring	Y	Y	Y		Y	Y	Y	Y							
			6823	Band 3 Fall	Y	Y	Y		Y	Y	Y	Y							
			6843	Band 3 Spring	Y	Y	Y		Y	Y	Y	Y							
			6824	Band 4 Fall	Y	Y	Y		Y	Y	Y	Y							
			6844	Band 4 Spring	Y	Y	Y		Y	Y	Y	Y							
			6681	Band I			Y	Y	Y	Y		Y							Y
			6682	Band II			Y	Y	Y	Y		Y							
			6683	Band III			Y		Y	Y		Y							
			6684	Band IV			Y	Y	Y	Y		Y							
			6621	Choir I	Y	Y	Y	Y	Y	Y	Y	Y			Y				
			6622	Choir II	Y	Y	Y	Y	Y	Y	Y	Y			Y				Y
			6623	Choir III	Y	Y	Y		Y	Y	Y	Y			Y				
			6624	Choir IV	Y	Y	Y		Y	Y	Y	Y			Y				
			6615	Dance & Media Communications I															
			6616	Dance & Media Communications II															
			6661	Instrumental Ensemble I		Y	Y			Y	Y	Y							
			6662	Instrumental Ensemble II		Y	Y			Y	Y	Y							
			6663	Instrumental Ensemble III			Y			Y	Y								
			6664	Instrumental Ensemble IV			Y			Y	Y								
			6651	Jazz Band I	Y	Y	Y		Y	Y	Y	Y							
			6652	Jazz Band II		Y	Y		Y	Y	Y	Y							
			6653	Jazz Band III		Y	Y		Y	Y	Y	Y							
			6654	Jazz Band IV		Y	Y		Y	Y	Y	Y							
			6811	Mariachi I	Y	Y		Y	Y		Y	Y							
			6812	Mariachi II	Y	Y		Y	Y		Y	Y							
			6813	Mariachi III	Y	Y		Y	Y		Y	Y							
			6814	Mariachi IV	Y	Y		Y	Y		Y	Y							
		◆	6481	Music Appreciation DC									Y						
			6491	Music Appreciation I	Y														
			6851	Music History I					Y										
			6690	Music Production Level I	Y		Y		Y		Y								
			6691	Music Production Level II	Y				Y										
◆			6697	Music SL IB (Year 1)		Y													
◆			6698	Music SL IB (Year 2)		Y													
	◆		6695	Music Theory AP							Y								
			6641	Music Theory I	Y	Y			Y		Y	Y							
			6642	Music Theory II	Y	Y			Y										
			6671	Orchestra I	Y	Y	Y		Y	Y	Y	Y							
			6672	Orchestra II	Y	Y	Y		Y	Y	Y	Y							
			6673	Orchestra III	Y	Y	Y		Y	Y	Y	Y							
			6674	Orchestra IV	Y	Y	Y		Y		Y	Y							
			6611	Principles of Dance I	Y	Y	Y	Y	Y	Y	Y	Y			Y				
			6612	Principles of Dance II	Y	Y	Y	Y	Y	Y	Y	Y			Y				
			6613	Principles of Dance III	Y	Y	Y	Y	Y	Y	Y	Y			Y				
			6614	Principles of Dance IV	Y	Y	Y	Y	Y	Y	Y	Y			Y				
			6461	Technical Theatre I	Y	Y	Y		Y		Y								
			6462	Technical Theatre II	Y	Y	Y		Y		Y								
			6463	Technical Theatre III	Y		Y		Y		Y								
			6464	Technical Theatre IV		Y	Y				Y								
			6440	Theatre Arts 1 D										Y					
			6441	Theatre Arts I	Y	Y	Y		Y	Y	Y	Y							
			6442	Theatre Arts II	Y	Y	Y		Y	Y	Y	Y							
			6443	Theatre Arts III	Y	Y	Y		Y	Y	Y	Y							
			6444	Theatre Arts IV	Y		Y		Y	Y	Y	Y							





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			6451	Theatre Production I	Y				Y		Y								
			6452	Theatre Production II					Y		Y								
			6453	Theatre Productions III					Y		Y								
			6454	Theatre Productions IV							Y								
			6631	Vocal Ensemble I	Y	Y	Y				Y								
			6632	Vocal Ensemble II	Y	Y	Y				Y								
			6633	Vocal Ensemble III	Y	Y	Y				Y								
			6634	Vocal Ensemble IV	Y	Y	Y				Y								
JROTC Courses																			
			8441	ROTC I	Y	Y	Y		Y	Y	Y	Y							
			8442	ROTC II	Y	Y	Y		Y	Y	Y	Y							
			8443	ROTC III	Y	Y	Y		Y	Y	Y	Y							
			8444	ROTC IV	Y	Y	Y		Y	Y	Y	Y							
Physical Education Courses																			
			8218	Adventure/Outdoors							Y	Y		Y					
			8217	Aerobic Activity I: A							Y	Y							
			8216	Aerobic Activity I: Dance	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	
			9651	ALC Recreation & Leisure Skills I			Y		Y	Y	Y	Y							
			9652	ALC Recreation & Leisure Skills II			Y		Y		Y	Y							
			9653	ALC Recreation & Leisure Skills III			Y				Y								
			9654	ALC Recreation & Leisure Skills IV			Y				Y								
			8100	AT Health						Y									
			8215	Comprehensive Wellness		Y													
			8213	Foundations of Personal Fitness	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y		Y	Y
	◆		8883	Health DC									Y						
			8219	PE 3: Mind, Body, & Spirit	Y	Y	Y		Y	Y	Y	Y							
			8351	PE Equivalent: Baseball (Year 1)	Y	Y	Y		Y	Y	Y	Y							
			8352	PE Equivalent: Baseball (Year 2)	Y	Y	Y		Y	Y	Y	Y							
			8353	PE Equivalent: Baseball (Year 3)	Y	Y	Y		Y	Y	Y	Y							
			8354	PE Equivalent: Baseball (Year 4)	Y	Y	Y		Y	Y	Y	Y							
			8321	PE Equivalent: Basketball (Year 1)	Y	Y	Y	Y	Y	Y	Y	Y			Y				
			8322	PE Equivalent: Basketball (Year 2)	Y	Y	Y	Y	Y	Y	Y	Y			Y				
			8323	PE Equivalent: Basketball (Year 3)	Y	Y	Y	Y	Y	Y	Y	Y			Y				
			8324	PE Equivalent: Basketball (Year 4)	Y	Y	Y	Y	Y	Y	Y	Y			Y				
			8301	PE Equivalent: Football (Year 1)	Y	Y	Y		Y	Y	Y	Y							
			8302	PE Equivalent: Football (Year 2)	Y	Y	Y		Y	Y	Y	Y							
			8303	PE Equivalent: Football (Year 3)	Y	Y	Y		Y	Y	Y	Y							Y
			8304	PE Equivalent: Football (Year 4)	Y	Y	Y		Y	Y	Y	Y							Y
			8381	PE Equivalent: Golf (Year 1)						Y									
			8382	PE Equivalent: Golf (Year 2)						Y									
			8383	PE Equivalent: Golf (Year 3)						Y									
			8384	PE Equivalent: Golf (Year 4)		Y													
			8331	PE Equivalent: Soccer (Year 1)	Y	Y	Y		Y	Y	Y	Y							
			8332	PE Equivalent: Soccer (Year 2)	Y	Y	Y		Y	Y	Y	Y							
			8333	PE Equivalent: Soccer (Year 3)	Y	Y	Y		Y	Y	Y	Y							
			8334	PE Equivalent: Soccer (Year 4)	Y	Y	Y		Y	Y	Y	Y							
			8341	PE Equivalent: Softball (Year 1)	Y	Y	Y		Y	Y	Y	Y							
			8342	PE Equivalent: Softball (Year 2)	Y	Y	Y		Y	Y	Y	Y							
			8343	PE Equivalent: Softball (Year 3)	Y	Y	Y		Y	Y	Y	Y							Y
			8344	PE Equivalent: Softball (Year 4)	Y	Y	Y		Y	Y	Y	Y							
			8391	PE Equivalent: Swimming (Year 1)	Y	Y	Y	Y	Y	Y	Y	Y	Y						
			8392	PE Equivalent: Swimming (Year 2)	Y	Y	Y	Y	Y	Y	Y	Y	Y						
			8393	PE Equivalent: Swimming (Year 3)	Y	Y	Y	Y	Y	Y	Y	Y	Y						
			8394	PE Equivalent: Swimming (Year 4)	Y	Y	Y	Y	Y	Y	Y	Y	Y						
			8371	PE Equivalent: Tennis (Year 1)	Y	Y	Y		Y	Y	Y	Y							
			8372	PE Equivalent: Tennis (Year 2)	Y	Y	Y		Y	Y	Y	Y							
			8373	PE Equivalent: Tennis (Year 3)	Y	Y	Y		Y	Y	Y	Y							
			8374	PE Equivalent: Tennis (Year 4)	Y	Y	Y		Y	Y	Y	Y							
			8361	PE Equivalent: Track (Year 1)	Y	Y	Y		Y	Y	Y	Y							
			8362	PE Equivalent: Track (Year 2)	Y	Y	Y		Y	Y	Y	Y							
			8363	PE Equivalent: Track (Year 3)	Y	Y	Y		Y	Y	Y	Y							
			8364	PE Equivalent: Track (Year 4)	Y	Y	Y		Y	Y	Y	Y							
			8311	PE Equivalent: Volleyball (Year 1)	Y	Y	Y	Y	Y	Y	Y	Y			Y				





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			8312	PE Equivalent: Volleyball (Year 2)	Y	Y	Y	Y	Y	Y	Y	Y			Y				
			8313	PE Equivalent: Volleyball (Year 3)	Y	Y	Y	Y	Y	Y	Y	Y			Y				
			8314	PE Equivalent: Volleyball (Year 4)	Y	Y	Y	Y	Y	Y	Y	Y			Y				
			8403	PE Equivalent: Wrestling					Y										
			8404	PE Equivalent: Wrestling					Y										
		◆	8881	PE TS DC				Y											
			8284	Reconnect Youth								Y							
			8151	Spirit Group: Pep Squad (Year 1)	Y		Y		Y		Y	Y							
			8152	Spirit Group: Pep Squad (Year 2)		Y	Y		Y		Y	Y							
			8153	Spirit Group: Pep Squad (Year 3)	Y	Y	Y		Y		Y	Y							
			8154	Spirit Group: Pep Squad (Year 4)	Y	Y	Y		Y		Y	Y							
			8141	Spirit Group: Cheerleading (Year 1)	Y	Y	Y		Y	Y	Y								
			8142	Spirit Group: Cheerleading (Year 2)	Y	Y	Y		Y	Y	Y	Y							
			8143	Spirit Group: Cheerleading (Year 3)	Y	Y	Y		Y	Y	Y	Y							
			8144	Spirit Group: Cheerleading (Year 4)	Y	Y	Y		Y	Y	Y	Y							
			8214	Team Sports/Individual Sports	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y		Y		Y	Y
Career & Technology Education Courses																			
			7351	Accounting I								Y							
			7352	Accounting II								Y							
		◆	7893	Advanced Aircraft Technology DC	Y	Y	Y					Y							Y
			7032	Advanced Animal Science		Y													
			7203	Advanced Animation (2 Cr)	Y						Y	Y							
			7204	Advanced Animation (3 Cr)	Y						Y	Y							
		◆	7240	Advanced Animation DC	Y						Y	Y							
			7121	Advanced Architectural Design (2 Cr)					Y		Y	Y							
			7130	Advanced Architectural Design (3 Cr)					Y		Y	Y							
		◆	7169	Advanced Architectural Design DC					Y		Y	Y							
			7215	Advanced Audio/Visual Production (2 Cr)	Y					Y	Y								
			7216	Advanced Audio/Visual Production (2 Cr)	Y					Y	Y								
		◆	7242	Advanced Audio/Visual Production DC	Y					Y	Y								
			7885	Advanced Auto Technology						Y									
			7886	Advanced Auto Technology	Y	Y	Y		Y										Y
			7872	Advanced Automotive Technology (2 Cr)		Y													
			7873	Advanced Automotive Technology (3 Cr)		Y						Y							
		◆	7886	Advanced Automotive Technology DC								Y							Y
			7851	Advanced Biotechnology					Y	Y		Y							
			7851	Advanced Biotechnology					Y	Y		Y							
			7146	Advanced Building Maintenance Technology															Y
			7165	Advanced Building Maintenance Technology															Y
			7881	Advanced Collision			Y					Y							Y
			7882	Advanced Collision						Y		Y							Y
			7868	Advanced Collision Repair & Refinishing (2 Cr)															Y
			7869	Advanced Collision Repair & Refinishing (3 Cr)															Y
			7704	Advanced Computer Programming (1 Cr)									Y						Y
			7705	Advanced Computer Programming (2 Cr)									Y						
			7156	Advanced Construction Management						Y		Y							Y
			7126	Advanced Construction Management (2 Cr)						Y		Y							Y
			7133	Advanced Construction Management (3 Cr)						Y		Y							Y
		◆	7183	Advanced Construction Management DC						Y		Y							Y
		◆	7184	Advanced Construction Technology DC															Y
			7137	Advanced Electrical Technology (2 Cr)															Y
			7138	Advanced Electrical Technology (3 Cr)															Y
			7834	Advanced Electronics (2 Cr)															Y
			7835	Advanced Electronics (3 Cr)															Y
			7829	Advanced Engineering Design & Presentation (2 Cr)					Y	Y		Y							
			7830	Advanced Engineering Design & Presentation (3 Cr)					Y	Y		Y							
		◆	7854	Advanced Engineering Design & Presentation DC					Y	Y		Y							Y
			7026	Advanced Environmental Technology							Y								
			7207	Advanced Fashion Design (2 Cr)	Y														





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			7208	Advanced Fashion Design (3 Cr)	Y														
			7227	Advanced Graphic Design & Illustration (2 Cr)	Y						Y								
			7228	Advanced Graphic Design & Illustration (3 Cr)	Y						Y								
		◆	7245	Advanced Graphic Design & Illustration DC	Y						Y								
			7113	Advanced Interior Design (1 Cr)							Y								
			7123	Advanced Interior Design (2 Cr)							Y								
			7140	Advanced Piping & Plumbing Technology															Y
			7163	Advanced Piping & Plumbing Technology															Y
			7022	Advanced Plant & Soil Science		Y					Y								
			7848	Advanced Principles of Manufacturing		Y			Y	Y		Y							Y
			7221	Advanced Printing & Imaging Technology (2 Cr)	Y							Y							
			7222	Advanced Printing & Imaging Technology (3 Cr)	Y							Y							
		◆	7243	Advanced Printing & Imaging Technology DC	Y							Y							
			7818	Advanced Welding		Y			Y	Y									Y
			7803	Advanced Welding (2 Cr)		Y			Y	Y									
			7804	Advanced Welding (3 Cr)		Y			Y	Y									
			8545	Advancement Via-Individual Determination (AVID) I	Y	Y	Y	Y	Y	Y	Y	Y		Y	Y				
			8546	Advancement Via-Individual Determination (AVID) II	Y	Y	Y	Y	Y	Y	Y	Y		Y	Y				
			8547	Advancement Via-Individual Determination (AVID) III	Y	Y	Y	Y	Y	Y	Y	Y		Y	Y				
			8550	Advancement Via-Individual Determination (AVID) IV	Y	Y	Y	Y	Y	Y	Y	Y		Y	Y				
			7171	Advertising & Sales Promotion (Cr)	Y		Y		Y										
			7376	Advertising & Sales Promotion (Cr)	Y		Y		Y										
			7027	Agribusiness Management & Marketing		Y			Y		Y								
			7028	Agricultural Mechanics & Metal Technologies		Y			Y										
			7020	Agriculture Facilities Design & Fabrication (2 Cr)		Y			Y										
			7017	Agriculture Facilities Design & Fabrication (1 Cr)		Y			Y										
			7018	Agriculture Power Systems (1 Cr)		Y			Y										
			7021	Agriculture Power Systems (2 Cr)		Y			Y										
			7894	Aircraft Technology															Y
		◆	7891	Aircraft Technology DC (1 Cr)					Y		Y	Y							
		◆	7892	Aircraft Technology DC (2 Cr)	Y		Y		Y		Y	Y							Y
		◆	7640	Anatomy & Physiology DC	Y							Y							
			7608	Anatomy/Physiology Of Human Systems	Y	Y	Y	Y	Y	Y	Y	Y		Y	Y				
			7201	Animation	Y	Y	Y		Y		Y	Y							Y
			7111	Architectural Design (1 Cr)					Y		Y	Y							
			7120	Architectural Design (2 Cr)					Y		Y	Y							
			7728	Artificial Intelligence PLTW	Y	Y	Y		Y		Y	Y							
			7213	Audio/Visual Production (1 Cr)	Y	Y				Y	Y	Y							
			7214	Audio/Visual Production (2 Cr)	Y	Y				Y	Y	Y							
			7883	Auto Technology		Y						Y	Y						Y
			7870	Automotive Technology (1Cr)		Y						Y							Y
			7871	Automotive Technology (2 Cr)		Y						Y							Y
			7353	Banking & Financial Services								Y							
◆			7861	Biology SCRIB IB (Year 2)		Y													
			7618	Biomedical Innovation PLTW			Y	Y											
			7850	Biotechnology					Y	Y		Y							
			7145	Building Maintenance Technology						Y		Y							
		◆	7321	Business Information I DC		Y	Y		Y			Y	Y						
		◆	7322	Business Information II DC		Y	Y		Y			Y	Y						
			7302	Business Information Management I (1Cr)	Y	Y	Y		Y	Y		Y							Y
			7303	Business Information Management I (2 Cr)	Y	Y	Y		Y	Y		Y							
			7304	Business Information Management II (1Cr)	Y	Y	Y		Y	Y		Y							
			7305	Business Information Management II (2 Cr)	Y	Y	Y		Y	Y		Y							
			7311	Business Law (½ Cr)		Y					Y	Y							
			7317	Business Law (1Cr)		Y					Y	Y							
			7306	Business Management (1Cr)	Y	Y	Y		Y	Y	Y	Y	Y						





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			7307	Business Management (2 Cr)	Y	Y	Y		Y	Y	Y	Y	Y						
			7538	Career & Technical Education Correctional Services (1Cr)								Y							
			7539	Career & Technical Education Correctional Services (2 Cr)								Y							
			7855	Career & Technical Education Intro to Engineering Design						Y									
			7943	Career Preparation I		Y			Y		Y								
			7942	Career Preparation I (2 Cr)		Y			Y		Y								
			7953	Career Preparation II		Y													
			7952	Career Preparation II (2 Cr)		Y					Y								
			7961	Career Preparation Work Pass (1 Per)	Y	Y	Y		Y		Y								Y
			7962	Career Preparation Work Pass (2 Per)	Y	Y	Y		Y		Y	Y							Y
			7963	Career Preparation Work Pass (3 Per)	Y	Y	Y		Y		Y	Y							Y
			7964	Career Preparation Work Pass (4 Per)	Y	Y													Y
			7466	Child Development (½ Cr)	Y		Y		Y			Y							
			7467	Child Development (1 Cr)	Y		Y		Y			Y							
			7470	Child Guidance		Y													
			7866	Collision Repair & Refinishing (1Cr)															Y
			7867	Collision Repair & Refinishing (2 Cr)															Y
			7880	Collision Repair (1Cr)					Y										Y
			7895	Collision Repair (½ Cr)								Y							Y
			7879	Collision Repair		Y					Y	Y							Y
			7730	Computational Problem Solving PLTW	Y	Y	Y		Y	Y	Y								
			7708	Computer Maintenance (1Cr)					Y										
			7709	Computer Maintenance (2 Cr)					Y										
			7703	Computer Programming					Y										Y
			7725	Computer Science & Software Engineering PLTW	Y	Y	Y		Y	Y	Y	Y							
			7726	Computer Science Applications PLTW	Y	Y	Y		Y	Y	Y	Y							
			7711	Computer Technician					Y										
			7710	Computer Technician (2 Cr)					Y										
			7826	Concepts of Engineering & Technology					Y	Y		Y							Y
			7155	Construction Management			Y		Y	Y	Y	Y							Y
			7114	Construction Management (1Cr)			Y		Y	Y	Y	Y							Y
			7125	Construction Management (2 Cr)			Y		Y	Y	Y	Y							Y
			7143	Construction Technology (1 Cr)		Y			Y	Y	Y	Y							Y
			7144	Construction Technology (2 Cr)		Y			Y	Y	Y	Y							Y
			7476	Cosmetology I	Y	Y				Y		Y							
			7475	Cosmetology I (2 Cr)	Y	Y				Y		Y							
			7477	Cosmetology II (2 Cr)	Y	Y				Y		Y							
			7478	Cosmetology II (3 Cr)	Y	Y				Y		Y							
		◆	7484	Cosmetology II DC	Y	Y				Y		Y							
			7471	Counseling & Mental Health		Y													
			7533	Court Systems & Practice	Y	Y	Y			Y	Y	Y							
			7427	Culinary Arts (1Cr)	Y	Y			Y	Y		Y							Y
			7428	Culinary Arts (2 Cr)	Y	Y			Y	Y		Y							Y
			7729	Cyber Security PLTW	Y	Y	Y		Y	Y	Y	Y							
			6943	Desktop Publishing														Y	
			7702	Digital & Interactive Media	Y	Y	Y		Y	Y	Y	Y							Y
			7857	Digital Electronics						Y									
			6944	Digital Graphics															
			6945	Digital Photographer		Y													
			7553	Disaster Response			Y												
			7177	Electric Technology						Y		Y							Y
			7178	Electric Technology						Y		Y							Y
			7136	Electrical Technology (1Cr)						Y		Y							Y
			7129	Electrical Technology (2 Cr)						Y		Y							Y
			7859	Electronics								Y							
			7552	Emergency Medical Technician-Basic		Y	Y		Y	Y	Y	Y							
			7012	Energy & Natural Resource Technology							Y								
			7863	Energy, Power, & Transportation Systems		Y						Y							Y
			7847	ENGDPRS							Y								Y
			7858	Engineering Design & Development (EDD)						Y									


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			7827	Engineering Design & Presentation					Y	Y		Y							Y
			7840	Engineering Design & Problem Solving		Y													
			7836	Engineering Mathematics					Y	Y		Y							
			7380	Entrepreneurship	Y	Y	Y		Y	Y	Y	Y							Y
			7010	Equine Science (½ Cr)		Y													
			7011	Equine Science (1Cr)		Y													
			7205	Fashion Design (1Cr)	Y														
			7206	Fashion Design (2 Cr)	Y														
			7379	Fashion Marketing															
			7359	Financial Mathematics		Y						Y							
		◆	7545	Firefighter I DC			Y												
		◆	7546	Firefighter II DC			Y												
			7439	Food Science	Y	Y			Y	Y		Y							
		◆	7452	Food Science DC	Y	Y			Y	Y		Y							Y
			7509	Foreign Service & Diplomacy				Y											
			7508	Foreign Service & Diplomacy (2 Cr)				Y											
			7540	Forensic Science	Y	Y	Y	Y	Y	Y	Y	Y			Y				
			7009	Forestry & Woodland Ecosystems						Y		Y							
			7008	Forestry & Woodland Ecosystems (½ Cr)						Y		Y							
			7719	Geographic Information Systems					Y										
			7310	Global Business (½ Cr)	Y	Y	Y		Y		Y	Y							
			7316	Global Business (1Cr)	Y	Y	Y		Y		Y	Y							
			7225	Graphic Design & Illustration (1 Cr)								Y							
			7226	Graphic Design & Illustration (2 Cr)								Y							
			7601	Health Science (1 Cr)			Y	Y											
			7602	Health Science (2 Cr)			Y	Y											
			7013	Horticulture Science		Y			Y		Y								
			7449	Hospitality Services			Y					Y							Y
			7431	Hospitality Services (1Cr)	Y	Y													Y
			7432	Hospitality Services (2 Cr)	Y	Y													Y
			7437	Hotel Management (½ Cr)	Y	Y													Y
			7438	Hotel Management (1Cr)	Y	Y													Y
			7625	Human Body Systems PLTW			Y	Y											
			7403	Human Growth & Development	Y		Y		Y			Y							
			7309	Human Resources Management (½ Cr)															
			7315	Human Resources Management (1Cr)							Y								
			7141	HVAC Cref	Y		Y												Y
			7179	HVAC Cref															Y
			7404	Instructional Practices in Education & Training (1Cr)	Y		Y		Y			Y							
			7405	Instructional Practices in Education & Training (2 Cr)	Y		Y		Y			Y							
		◆	7410	Instructional Practices in Education & Training DC	Y		Y		Y			Y							
			7355	Insurance Operations	Y							Y							
			7102	Interior Design (½ Cr)							Y								
			7112	Interior Design (1Cr)							Y								
			7718	Internetworking Technologies I					Y										
			7472	Interpersonal Studies (½ Cr)															Y
			7473	Interpersonal Studies (1Cr)															Y
			7724	Introduction to Computer Science PLTW	Y	Y	Y		Y	Y	Y	Y							
			7474	Introduction to Cosmetology	Y	Y				Y		Y							
			7001	Landscape Design & Turf Grass Management (½ Cr)					Y		Y	Y							
			7019	Landscape Design & Turf Grass Management (1Cr)					Y		Y	Y							
			7534	Law Enforcement I (1 Cr)	Y	Y	Y		Y	Y	Y	Y							
			7535	Law Enforcement I (2 Cr)	Y	Y	Y		Y	Y	Y	Y							
		◆	7547	Law Enforcement I DC	Y	Y	Y		Y	Y	Y	Y		Y					
		◆	7554	Law Enforcement I DC	Y	Y	Y		Y	Y	Y	Y							
			7536	Law Enforcement II (1Cr)	Y	Y	Y		Y	Y	Y	Y							Y
			7537	Law Enforcement II (2 Cr)	Y	Y	Y		Y	Y	Y	Y							
		◆	7548	Law Enforcement II DC	Y	Y	Y		Y	Y	Y	Y	Y	Y					
			7551	Legal Research & Writing	Y	Y	Y	Y	Y	Y	Y	Y							





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			7468	Lifetime Nutrition & Wellness (½ Cr)	Y	Y	Y	Y				Y							Y
			7469	Lifetime Nutrition & Wellness (1Cr)	Y	Y	Y	Y				Y							Y
			7004	Livestock Production (½ Cr)		Y													
			7005	Livestock Production (1Cr)		Y													
			7898	Logistics, Planning & Management Systems								Y							Y
			7805	Manufacturing Engineering (2 Cr)						Y									Y
			7810	Manufacturing Engineering (3 Cr)						Y									Y
		◆	7849	Manufacturing Engineering DC		Y				Y									Y
			7381	Marketing Dynamics (2 Cr)	Y		Y		Y										
			7382	Marketing Dynamics (3 Cr)	Y		Y		Y										
		◆	7388	Marketing Dynamics DC	Y		Y		Y										
			8501	Mascot Time	Y	Y	Y		Y	Y	Y	Y							
			8502	Mascot Time	Y	Y	Y		Y	Y	Y	Y							
			8503	Mascot Time	Y	Y	Y		Y	Y	Y	Y							Y
			8504	Mascot Time	Y	Y	Y		Y	Y	Y	Y							Y
			7031	Mathematical Applications in Agriculture, Food, & Natural Resources		Y			Y										
			7617	Medical Interventions PLTW			Y	Y											
			7609	Medical Microbiology (½ Cr)			Y	Y											
			7610	Medical Microbiology (1Cr)			Y	Y											
			7605	Medical Terminology			Y	Y											
			7128	Mill & Cabinetmaking Technology (2 Cr)															Y
			7135	Mill & Cabinetmaking Technology (3Cr)															Y
			7356	Money Matters (½ Cr)	Y	Y													
			7358	Money Matters (1Cr)	Y	Y													Y
			7813	Occupational Safety & Environmental Technology I						Y									
			7814	Occupational Safety & Environmental Technology II						Y									
			7014	Organic Sustainable Food Production		Y			Y		Y								
			7606	Pathophysiology (½ Cr)			Y	Y											
			7607	Pathophysiology (1Cr)			Y	Y											
			8541	Peer Assistance & Leadership Program (PALS) I					Y										
			8542	Peer Assistance & Leadership Program (PALS) II					Y										
			7139	Piping & Plumbing Technology															Y
			7502	Political Science I (1Cr)				Y			Y								
			7503	Political Science I (2 Cr)				Y			Y								
			7505	Political Science II				Y			Y								
			7504	Political Science II (1Cr)				Y			Y								
			7029	Practicum in Agriculture, Food, & Natural Resources I (2 Cr)		Y			Y		Y								
			7030	Practicum in Agriculture, Food, & Natural Resources I (3Cr)		Y			Y		Y								
		◆	7036	Practicum in Agriculture, Food, & Natural Resources I DC		Y			Y		Y								
			7034	Practicum in Agriculture, Food, & Natural Resources II (2 Cr)		Y			Y		Y								
			7035	Practicum in Agriculture, Food, & Natural Resources II (3Cr)		Y			Y		Y								
			7147	Practicum in Architectural Design I					Y		Y	Y							
			7122	Practicum in Architectural Design I (2 Cr)					Y		Y	Y							
		◆	7172	Practicum in Architectural Design I DC					Y		Y	Y							
			7131	Practicum in Architectural Design II					Y		Y	Y							
			7148	Practicum in Architectural Design II					Y		Y	Y							
			7217	Practicum in Audio/Visual Production I (2 Cr)	Y					Y	Y								
			7218	Practicum in Audio/Visual Production I (3 Cr)	Y					Y	Y								
		◆	7241	Practicum in Audio/Visual Production I DC	Y					Y	Y								
			7233	Practicum in Audio/Visual Production II (2 Cr)	Y					Y	Y								
			7234	Practicum in Audio/Visual Production II (3 Cr)	Y					Y	Y								
			7312	Practicum In Business Management I (2 Cr)								Y							
			7313	Practicum In Business Management I (3 Cr)								Y							
		◆	7323	Practicum In Business Management I DC								Y							
			7318	Practicum In Business Management II (2 Cr)								Y							





Advanced Academics			 High School Courses		Brackenridge HS	Burbank HS	Edison HS	Fox Tech HS	Highlands HS	Houston HS	Jefferson HS	Lanier HS	St. Phillips ECHS	Travis ECHS	YWLA	Navarro AC	Cooper AC	Pickett AC	Phoenix
																			
			7319	Practicum In Business Management II (3 Cr)								Y							
			7127	Practicum in Construction Management I (2 Cr)						Y		Y							Y
			7134	Practicum in Construction Management I (3 Cr)						Y		Y							Y
			7151	Practicum in Construction Management II (2 Cr)						Y		Y							Y
			7152	Practicum in Construction Management II (3 Cr)						Y		Y							Y
			7429	Practicum In Culinary Arts I (2 Cr)	Y	Y			Y	Y		Y							
			7430	Practicum In Culinary Arts I (3 Cr)	Y	Y			Y	Y		Y							
		◆	7454	Practicum In Culinary Arts I DC	Y	Y			Y	Y		Y							
			7440	Practicum in Culinary Arts II (2 Cr)	Y	Y			Y	Y		Y							
			7441	Practicum in Culinary Arts II (3 Cr)	Y	Y			Y	Y		Y							
		◆	7455	Practicum in Culinary Arts II DC	Y	Y			Y	Y		Y							
			7406	Practicum In Education & Training I (2 Cr)	Y		Y		Y			Y							
			7407	Practicum In Education & Training I (3 Cr)	Y		Y		Y			Y							
		◆	7411	Practicum In Education & Training I DC	Y		Y		Y			Y							
			7408	Practicum In Education & Training II (2 Cr)	Y		Y		Y			Y							
			7409	Practicum In Education & Training II (3 Cr)	Y		Y		Y			Y							
			7209	Practicum in Fashion Design I	Y														
			7210	Practicum in Fashion Design I	Y														
			7231	Practicum in Fashion Design II	Y														
			7232	Practicum in Fashion Design II	Y														
		◆	7555	Practicum in Fire Science DC			Y												
			7229	Practicum In Graphic Design & Illustration I (2 Cr)	Y							Y							
			7230	Practicum In Graphic Design & Illustration I (3 Cr)	Y							Y							
		◆	7246	Practicum In Graphic Design & Illustration I DC	Y							Y							
			7237	Practicum In Graphic Design & Illustration II (2 Cr)	Y							Y							
			7238	Practicum In Graphic Design & Illustration II (3 Cr)	Y							Y							
			7603	Practicum in Health Science I (2 Cr)			Y	Y											
			7604	Practicum in Health Science I (3 Cr)			Y	Y											
		◆	7621	Practicum in Health Science I DC			Y	Y											
		◆	7641	Practicum in Health Science I DC			Y	Y											
		◆	7623	Practicum in Health Science II DC			Y	Y											
			7613	Practicum in Health Science II (2 Cr)			Y	Y											
			7614	Practicum in Health Science II (3 Cr)			Y	Y											
			7433	Practicum in Hospitality Services I (2 Cr)		Y							Y						Y
			7434	Practicum in Hospitality Services I (3 Cr)		Y							Y						Y
			7442	Practicum In Hospitality Services II		Y							Y						Y
			7479	Practicum in Human Services I (Practicum in Cosmetology I) (2 Cr)	Y	Y				Y		Y							
			7480	Practicum in Human Services I (Practicum in Cosmetology I) (3 Cr)	Y	Y				Y		Y							
		◆	7485	Practicum in Human Services I (Practicum in Cosmetology I) DC	Y	Y				Y		Y							
			7481	Practicum in Human Services II (Practicum in Cosmetology II) (2 Cr)	Y	Y				Y		Y							
			7482	Practicum in Human Services II (Practicum in Cosmetology II) (3Cr)	Y	Y				Y		Y							
			7149	Practicum in Interior Design I (2 Cr)							Y								
			7124	Practicum in Interior Design I (3 Cr)							Y								
			7150	Practicum in Interior Design II (2 Cr)							Y								
			7132	Practicum in Interior Design II (3 Cr)							Y								
			7541	Practicum in Law, Public Safety, Corrections, & Security I (2 Cr)	Y	Y					Y	Y							
			7542	Practicum in Law, Public Safety, Corrections, & Security I (3 Cr)	Y	Y					Y	Y							
			7543	Practicum in Law, Public Safety, Corrections, & Security II (2 Cr)	Y	Y					Y	Y							

Advanced Academics			<div></div> <div>High School Courses</div>		Brackenridge HS	Burbank HS	Edison HS	Fox Tech HS	Highlands HS	Houston HS	Jefferson HS	Lanier HS	St. Philips ECHS	Travis ECHS	YWLA	Navarro AC	Cooper AC	Pickett AC	Phoenix
																			
			7544	Practicum in Law, Public Safety, Corrections, & Security II (3 Cr)	Y	Y					Y	Y							
			7510	Practicum in Local, State, & Federal Government I				Y			Y								
			7511	Practicum in Local, State, & Federal Government I (3 Cr)				Y			Y								
			7512	Practicum in Local, State, & Federal Government II (2 Cr)				Y			Y								
			7513	Practicum in Local, State, & Federal Government II (3 Cr)				Y			Y								
			7806	Practicum in Manufacturing I						Y									Y
			7807	Practicum in Manufacturing I (3 Cr)						Y									Y
			7808	Practicum in Manufacturing II						Y									Y
			7809	Practicum in Manufacturing II (3 Cr)						Y									Y
			7383	Practicum in Marketing Dynamics I	Y		Y		Y										
			7384	Practicum in Marketing Dynamics I (2 Cr)	Y		Y		Y										
		◆	7389	Practicum in Marketing Dynamics I DC	Y		Y		Y										
			7223	Practicum in Printer & Imaging Technology I (2 Cr)	Y							Y							
			7224	Practicum in Printer & Imaging Technology I (3 Cr)	Y							Y							
		◆	7244	Practicum in Printer & Imaging Technology I DC	Y							Y							
			7235	Practicum in Printer & Imaging Technology II (2 Cr)	Y							Y							
			7236	Practicum in Printer & Imaging Technology II (3 Cr)	Y							Y							
			7841	Practicum in Science, Technology, Engineering, & Mathematics I (2 Cr)															Y
			7842	Practicum in Science, Technology, Engineering, & Mathematics I (3 Cr)															Y
			7843	Practicum in Science, Technology, Engineering, & Mathematics II (2 Cr)															Y
			7844	Practicum in Science, Technology, Engineering, & Mathematics II (3 Cr)															Y
			7874	Practicum in Transportation, Distribution & Logistics I (2 Cr)		Y						Y	Y						Y
			7875	Practicum in Transportation, Distribution & Logistics I (3 Cr)		Y						Y	Y						Y
		◆	7887	Practicum in Transportation, Distribution & Logistics I DC		Y						Y	Y						Y
			7876	Practicum in Transportation, Distribution & Logistics II (2 Cr)		Y						Y	Y						Y
			7877	Practicum in Transportation, Distribution & Logistics II (3 Cr)		Y						Y	Y						Y
			7889	Practicum in Transportation, Distribution, & Logistics		Y						Y							Y
			7817	Precision Metal Manufacturing						Y									
			7015	Principles & Elements of Floral Design		Y			Y		Y								
			7033	Principles of Agriculture, Food & Natural Resources		Y			Y		Y								
			7100	Principles of Architecture & Construction (½ Cr)		Y			Y	Y	Y	Y							
			7110	Principles of Architecture & Construction (1Cr)		Y			Y	Y	Y	Y							Y
			7212	Principles of Arts, Audio/Video Technology, & Communications	Y	Y				Y	Y	Y							
			7211	Principles of Arts, Audio/Video Technology, & Communications (½ Cr)	Y	Y				Y	Y	Y							
			7624	Principles of Biomedical Science PLTW			Y	Y											
			7320	Principles of Business, Marketing, & Finance	Y	Y	Y		Y	Y	Y	Y							
			7320	Principles of Business, Marketing, & Finance (½ Cr)	Y	Y	Y		Y	Y	Y	Y							
			7301	Principles of Business, Marketing, & Finance (1Cr)	Y	Y	Y		Y	Y	Y	Y				Y	Y		
			7401	Principles of Education & Training (½ Cr)	Y		Y		Y			Y							

Advanced Academics			 High School Courses		Brackenridge HS	Burbank HS	Edison HS	Fox Tech HS	Highlands HS	Houston HS	Jefferson HS	Lanier HS	St. Philips ECHS	Travis ECHS	YWLA	Navarro AC	Cooper AC	Pickett AC	Phoenix
																			
			7402	Principles of Education & Training (1Cr)	Y		Y		Y			Y							
			7856	Principles of Engineering						Y									
			7500	Principles of Government, & Public Administration (½ Cr)			Y	Y			Y								
			7501	Principles of Government, & Public Administration (1Cr)			Y	Y			Y								
			7612	Principles of Health Science (½ Cr)		Y	Y	Y											
			7600	Principles of Health Science (1Cr)		Y	Y	Y											
			7448	Principles of Hospitality	Y	Y					Y	Y							Y
			7426	Principles of Hospitality & Tourism	Y	Y	Y												
			7463	Principles of Human Services (½ Cr)	Y	Y	Y		Y			Y							
			7464	Principles of Human Services (1Cr)	Y	Y	Y		Y			Y							
			7700	Principles of Information Technology (½ Cr)					Y	Y			Y						Y
			7701	Principles of Information Technology (1Cr)					Y	Y			Y						Y
			7531	Principles of Law, Public Safety, Corrections & Security (½ Cr)	Y	Y	Y	Y	Y	Y	Y	Y							
			7532	Principles of Law, Public Safety, Corrections & Security (1Cr)	Y	Y	Y	Y	Y	Y	Y	Y							
			7800	Principles of Manufacturing (½ Cr)						Y									
			7801	Principles of Manufacturing (1 Cr)						Y									
			7833	Principles of Technology					Y	Y		Y	Y						Y
			7864	Principles of Transportation, Distribution, & Logistics (½ Cr)		Y						Y	Y						Y
			7865	Principles of Transportation, Distribution, & Logistics (1Cr)		Y						Y	Y						Y
			7219	Printing & Imaging Technology (1Cr)	Y							Y							
			7220	Printing & Imaging Technology (2 Cr)	Y							Y							
			7971	Problems & Solution I: Agriculture, Food, & Natural Resources		Y			Y		Y								
			7973	Problems & Solution II: Agriculture, Food, & Natural Resources		Y			Y		Y								
			7971	Problems & Solutions I	Y														Y
			7971	Problems & Solutions I: Architecture Construction					Y	Y	Y	Y							Y
			7971	Problems & Solutions I: Arts, AV Technology & Communications	Y				Y		Y	Y							
			7971	Problems & Solutions I: Business Management & Administration	Y		Y		Y	Y	Y	Y	Y						
			7971	Problems & Solutions I: Education Training	Y		Y		Y			Y							
			7971	Problems & Solutions I: Finance								Y							
			7971	Problems & Solutions I: Government & Public Administration				Y											
			7971	Problems & Solutions I: Health Science			Y	Y											
			7971	Problems & Solutions I: Hospitality & Tourism	Y	Y				Y		Y	Y						Y
			7971	Problems & Solutions I: Human Services	Y	Y				Y		Y							
			7971	Problems & Solutions I: Information Technology					Y	Y		Y	Y						Y
			7971	Problems & Solutions I: Law, Public Safety, Corrections, & Security	Y	Y	Y		Y	Y	Y	Y							Y
			7971	Problems & Solutions I: Manufacturing						Y									Y
			7971	Problems & Solutions I: Marketing, Sales, & Service	Y		Y		Y										
			7971	Problems & Solutions I: Science, Technology, Engineering, & Mathematics	Y	Y	Y		Y	Y	Y	Y	Y						
			7971	Problems & Solutions I: Transportation, Distribution & Logistics		Y						Y	Y						Y
			7973	Problems & Solutions II															Y
			7973	Problems & Solutions II: Architecture Construction					Y	Y	Y	Y							
			7973	Problems & Solutions II: Arts, AV Technology & Communications	Y		Y			Y	Y	Y							
			7973	Problems & Solutions II: Business Management & Administration	Y	Y	Y		Y	Y	Y	Y	Y						
			7973	Problems & Solutions II: Education Training	Y		Y		Y			Y							
			7973	Problems & Solutions II: Finance								Y	Y						

Advanced Academics			 High School Courses		Brackenridge HS	Burbank HS	Edison HS	Fox Tech HS	Highlands HS	Houston HS	Jefferson HS	Lanier HS	St. Philips ECHS	Travis ECHS	YWLA	Navarro AC	Cooper AC	Pickett AC	Phoenix
ib	AP	DUAL CREDIT																	
			7973	Problems & Solutions II: Government & Public Administration				Y			Y								
			7973	Problems & Solutions II: Health Science			Y	Y											
			7973	Problems & Solutions II: Hospitality & Tourism	Y	Y			Y	Y		Y	Y						Y
			7973	Problems & Solutions II: Human Services	Y	Y				Y		Y							
			7973	Problems & Solutions II: Law, Public Safety, Corrections, & Security	Y	Y	Y		Y	Y	Y	Y							
			7973	Problems & Solutions II: Manufacturing						Y									Y
			7973	Problems & Solutions II: Marketing, Sales, & Service	Y		Y		Y										
			7973	Problems & Solutions II: Science, Technology, Engineering, & Mathematics					Y	Y		Y	Y						Y
			7973	Problems & Solutions II: Transportation, Distribution & Logistics								Y	Y						Y
			7969	Professional Communication	Y	Y					Y	Y							
			7970	Professional Communication (1Cr)	Y	Y					Y	Y							
			7506	Public Management & Administration (1Cr)				Y			Y								
			7507	Public Management & Administration (2 Cr)				Y			Y								
			7006	Range Ecology & Management (½ Cr)		Y			Y		Y								
			7007	Range Ecology & Management (1Cr)		Y			Y		Y								
			7707	Research in Information Technology Solutions I					Y	Y			Y						Y
			7714	Research in Information Technology Solutions I					Y	Y			Y						Y
			7715	Research in Information Technology Solutions II (2 Cr)					Y	Y			Y						Y
			7716	Research in Information Technology Solutions II (3 Cr)					Y	Y			Y						Y
			7721	RESITSOL	Y		Y		Y	Y		Y							Y
			7722	RESITSOL II	Y	Y	Y			Y		Y							Y
			7435	Restaurant Management (½ Cr)	Y	Y						Y							
			7436	Restaurant Management (1Cr)			Y			Y									
			7378	Retailing & E-Tailing	Y		Y		Y			Y							
			7837	Robotics & Automation	Y	Y	Y		Y	Y	Y	Y							
			7838	Robotics & Automation	Y	Y	Y		Y	Y	Y	Y							
			7860	Scientific Research & Design	Y	Y	Y		Y	Y	Y	Y							Y
	◆		7839	Scientific Research & Design DC	Y	Y	Y		Y	Y	Y	Y		Y					
			7354	Securities & Investments								Y							
			7727	Simulation & Modeling	Y	Y	Y		Y	Y	Y	Y							
			7002	Small Animal Management (½ Cr)		Y													
			7003	Small Animal Management (1Cr)		Y													Y
			7387	Social Media Marketing	Y	Y	Y		Y			Y							
			7377	Sports & Entertainment Marketing	Y				Y										
			7357	Statistics & Risk Management															Y
			8543	Teen Leadership I	Y	Y													
			8544	Teen Leadership II	Y				Y										
			7712	Telecommunication & Networking (1Cr)					Y										
			7713	Telecommunication & Networking (2 Cr)					Y										
			7025	Veterinary Medical Applications		Y													
			7239	Video Game Design I	Y	Y				Y	Y	Y							
			7308	Virtual Business (½ Cr)	Y	Y	Y		Y			Y							
			7314	Virtual Business (1Cr)	Y	Y	Y		Y			Y							
			New Course	Visual Media Analysis & Production Problems & Solutions I: Architecture & Construction	Y														
			7706	Web Technologies	Y	Y	Y		Y	Y		Y							Y
			7802	Welding		Y			Y	Y									
			7816	Welding		Y			Y	Y									Y
			7000	Wildlife, Fisheries, & Ecology Management (½ Cr)					Y		Y								
			7016	Wildlife, Fisheries, & Ecology Management (1Cr)					Y		Y								
			7611	World Health Research				Y											

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  				Other Elective Courses																
			4712	Academic Decathlon	Y	Y			Y		Y		Y							
			8032	Academic Mentoring															Y	
			8125	Academic Mentoring													Y			
			8709	Academic Mentoring	Y	Y	Y			Y	Y	Y	Y	Y	Y	Y			Y	Y
			8792	Academic Mentoring	Y	Y	Y			Y	Y	Y	Y					Y	Y	Y
			8969	Attendance		Y														
			8707	College Transitions															Y	
			8708	College Transitions				Y					Y							Y
			8706	Enrichment										Y						
◆			8790	IB Mentoring 10th Grade		Y														
			8789	Internship												Y				
			8712	Mentoring IB 9th Grade		Y														
			8714	Octathlon																
			8601	Path CC 1	Y															
			8551	Path CC1										Y						
			8552	Path CC2										Y						
			8049	Robotics												Y				
			8710	Student Assistant		Y	Y					Y	Y	Y	Y					Y
			8711	Student Assistant	Y	Y				Y	Y		Y		Y					Y
			8555	Student Leadership	Y															
			8007	Teen Leadership															Y	
◆			4442	Theory of Knowledge (11 th grade)		Y														
◆			4441	Theory of Knowledge (12 th grade)		Y														
Alternate Curriculum Environment (ACE) Courses																				
			9472	ALC Pre-Vocational II																
			9501	ALC Read I	Y	Y	Y			Y		Y	Y							
			9502	ALC Read II	Y	Y	Y			Y		Y	Y							
			9503	ALC Read III		Y	Y			Y		Y								
			9511	ALC English I	Y	Y	Y			Y	Y	Y	Y							
			9512	ALC English II	Y	Y	Y			Y	Y	Y	Y							
			9513	ALC English III	Y	Y	Y			Y	Y	Y	Y							
			9514	ALC English IV	Y	Y	Y			Y	Y	Y	Y							
			9515	ALC English V		Y						Y								
			9521	ALC Algebra I	Y	Y	Y			Y	Y	Y	Y							
			9522	ALC Geometry	Y	Y	Y			Y	Y	Y	Y							
			9523	ALC Math Models	Y	Y	Y			Y	Y	Y	Y							
			9524	ALC Math IV	Y	Y	Y					Y								
			9525	ALC Math V								Y								
			9531	ALC Biology	Y	Y	Y			Y	Y	Y	Y							
			9532	ALC IPC	Y	Y	Y			Y	Y	Y	Y							
			9533	ALC Environmental Systems		Y	Y			Y	Y	Y	Y							
			9541	ALC World Geography	Y	Y	Y			Y	Y	Y	Y							
			9542	ALC World History	Y	Y	Y			Y	Y	Y	Y							
			9543	ALC US History			Y			Y	Y	Y	Y							
			9544	ALC Government	Y	Y	Y			Y	Y	Y	Y							
			9545	ALC Economics	Y	Y	Y			Y	Y	Y	Y							
			9552	ALC Health		Y	Y			Y	Y	Y	Y							
			9571	ALC Art			Y			Y										
			9611	ALC Community Based Experience Year 1																
			9612	ALC Community Based Experience Year 2																
			9613	ALC Community Based Experience Year 3																
			9621	ALC CBVI I (1 Cr)		Y							Y							
			9622	ALC CBVI I (3 Cr)	Y	Y	Y			Y	Y	Y								
			9623	ALC CBVI II (2 Cr)							Y		Y							
			9624	ALC CBVI II (3 Cr)	Y	Y	Y			Y	Y	Y								
			9625	ALC CBVI III (2 Cr)			Y													
			9626	ALC CBVI III (3 Cr)			Y			Y		Y								
			9631	ALC District Internship I Year 1																
			9632	ALC District Internship I Year 2																
			9633	ALC Vocational Internship I (1 Cr)																
			9634	ALC Vocational Internship I (2 Cr)																
			9635	ALC Vocational Internship I (3 Cr)																

Advanced Academics			<div></div> High School Courses		Brackenridge HS	Burbank HS	Edison HS	Fox Tech HS	Highlands HS	Houston HS	Jefferson HS	Lanier HS	St. Philips ECHS	Travis ECHS	YWLA	Navarro AC	Cooper AC	Pickett AC	Phoenix
																			
			9636	ALC Vocational Internship II (1 Cr)															
			9637	ALC Vocational Internship II (2 Cr)															
			9638	ALC Vocational Internship II (3 Cr)															
			9641	ALC Pre-Vocational I	Y	Y	Y				Y								
			9643	ALC Vocational Skills I					Y	Y	Y	Y							
			9644	ALC Vocational Skills II		Y	Y				Y	Y							
			9645	ALC Vocational Skills III			Y												
			9646	ALC Vocational Skills IV					Y		Y								
			9647	ALC Vocational Skills VI					Y		Y								
			9661	ALC Domestic Skills Year 1	Y		Y		Y		Y								
			9662	ALC Domestic Skills Year 2			Y		Y	Y	Y								
			9663	ALC Domestic Skills Year 3			Y			Y	Y								
			9664	ALC Domestic Skills Year 4			Y				Y								
			9665	ALC Life Skills Year 1		Y	Y		Y	Y	Y								
			9666	ALC Life Skills Year 2			Y		Y		Y								
			9667	ALC Life Skills Year 3			Y		Y	Y	Y								
			9668	ALC Life Skills Year 4	Y		Y				Y								
			9671	ALC VAC I (1 Cr)	Y						Y								
			9672	ALC VAC I (2 Cr)															
			9673	ALC VAC I (3 Cr)	Y	Y			Y										
			9674	ALC VAC I (4 Cr)															
			9675	ALC VAC I (5 Cr)															
			9676	ALC VAC I (6 Cr)							Y								
			9681	ALC VAC II (1 Cr)															
			9682	ALC VAC II (2 Cr)	Y														
			9683	ALC VAC II (3 Cr)															
			9684	ALC VAC II (4 Cr)															
			9685	ALC VAC II (5 Cr)															
			9686	ALC VAC II (6 Cr)															
			9687	ALC VAC II (7 Cr)															
			9691	ALC VAC III (1 Cr)															
			9692	ALC VAC III (2 Cr)															
			9693	ALC VAC III (3 Cr)			Y												
			9694	ALC VAC III (4 Cr)															
			9695	ALC VAC III (5 Cr)															
			9696	ALC VAC III (6 Cr)															
			9697	ALC VAC III (7 Cr)															
			9701	ALC AYVP Year 1	Y	Y		Y	Y			Y							
			9702	ALC AYVP Year 2	Y	Y		Y	Y			Y							
			9703	ALC AYVP Year 3		Y	Y	Y	Y	Y		Y							
			9704	ALC AYVP Year 4			Y			Y		Y							
			9648 (year 6)	ALC Vocational Skills VII						Y									
			</																



Section V:

Distinguished Level of Achievement Graduation Plans

Class of 2016-2019

SAISD

SAISD Disclaimer:









The contents of the High School Information Guide are relevant to SAISD Policy (LEGAL and LOCAL) and Administrative Procedures as of January 2016. For current information regarding district policy, please refer to the San Antonio Independent School District website at [SAISD Board Policy Manual](#) or visit with your school counselor.

Specific school-related questions should be directed to campus staff. When a parent or guardian has a question or concern, he or she should contact the person who made the initial decision. If the concern continues after the discussion, the principal should be contacted.

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Brackenridge High School 2015-2016









Distinguished Level of Achievement Class of 2016, 2017, 2018 & 2019 Graduation Plan

Period	9 th		10 th		11 th		12 th	
	Four Year Plan							
1	English I		English II		English III		4 th Year English	
2	Algebra I		Geometry		Algebra II		4 th Year Math	
3	IPC/Biology		Biology/Chemistry		Chemistry/Physics		4 th Year Science/Physics	
4	World Geography		World History		U. S. History		Government / Economics	
5	PE/PE Sub./Elective		LOTE I		LOTE II		Elective	
6	Dollars & Sense		Fine Arts/Elective		Endorsement/Elective		Endorsement/Elective	
7	Elective		Endorsement/Elective		Endorsement/Elective		Endorsement/Elective	
8	Endorsement Elective		Endorsement Elective		Endorsement Elective		Endorsement Elective	
ENDORSEMENTS		Certifications	1 st course	2 nd course	3 rd course	4 th course		
STEM			Algebra I or Alg I Pre-AP OR Geometry Pre-AP	Geometry or Pre-AP or Algebra II Pre-AP	Algebra II or Pre-AP or Pre-Calculus Pre-AP	Pre-Cal or Pre-AP or AQR or Calculus AB or AP Statistics		
STEM			Biology	Chemistry	Physics	2 Advanced Science		
Business & Industry		OSHA 10-Hour, Microsoft Certified Application Specialist (MCAS), Adobe-Dreamweaver	Principles of Business, Marketing & Finance (1 credit)	Money Matters (1 credit)	Global Business (1 credit)	Virtual Business (1 credit) or Web Technologies (1 credit)		
Business & Industry				Retailing & E-tailing (.5 credit) and Advertising & Sales Promotion (.5 credit)	Marketing Dynamics (2-3 credits)	Marketing Dynamics I Practicum (2-3 credits) or Problems & Solutions II- Marketing (i.e. Principles of Real Estate) (1 credit)		
Business & Industry				Virtual Business (.5 credit) and/or Sports Enter./Marketing (.5 credit) and Global Business (.5 credit)	Entrepreneurship (1 credit) and/or Problems & Solutions I- Marketing (Principles of Real Estate) (1 credit)			
Business & Industry		ServSafe, OSHA 10-Hour	Principles of Hospitality (.5 or 1 credit)	Restaurant Management (.5 credit) and Lifetime Nutrition (.5 credit)	Culinary Arts I Practicum (2 credits) or Culinary Arts (1 credit)	Culinary Arts II Practicum (2 credits) or Culinary Arts I Practicum (2 credits)		
Business & Industry		Adobe Premiere, Flash, Photoshop, Dreamweaver, OSHA 10- Hour, Adobe After - Effects, Final Cut Pro, PrintED, Indesign, Illustrator, Maya	Principles of Arts, Audio/Video Technology (1 credit)	Audio/Video Production (1 credit) or Animation (1 credit)	Advanced Audio/Video Production (2 credits) or Advanced Animation (2 credits)	Audio/Video Production I Practicum (2 credits)		
MAGNET				Printing & Imaging Technology (1-2 credits)	Adv. Printing & Imaging Technology (2 credits)	Printing & Imaging Technology I Practicum (2 credits)		
				Fashion Design (1-2 credits)	Adv. Fashion Design (2-3 credits)	Fashion Design Practicum (2-3 credits)		

Brackenridge High School Graduation Plan (2016-2019)

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Brackenridge High School 2015-2016 (continued)









ENDORSEMENTS	Certifications	1 st course	2 nd course	3 rd course	4 th course
Public Service 		JROTC I	JROTC II	JROTC III	JROTC IV
Public Service  	Cosmetology, Operator and/or Manicurist and/or Esthetician Specialty License, OSHA 10-Hour	Principles of Human Services (1 credit)	Cosmetology I (2 credits)	Cosmetology II (2 credits)	Human Services I Practicum-Cosmetology (2 credits)
Public Service  	Emergency Communication, CareerSafe Cyber-Safety Awareness, OSHA 10-Hour	Principles of Law, Public Safety, Corrections, and Security (1 credit)	Law Enforcement I (1-2 credits)	Law Enforcement II (1-2 credits)	Law, Public Safety, Corrections & Security I Practicum (2 credits) and/or Forensic Science (1 credit)
Public Service  	First Aid/CPR, CareerSafe Safety Awareness	Principles of Education & Training (.5 -1 credit)	Human Growth & Development (1 credit)	Instructional Practices in Education & Training (2 credits)	Education & Training I Practicum (2 credits)
Arts & Humanities 		Art I Theater Arts I Choir I Marching Band I Orchestra I Mariachi I Jazz Band I Dance I Spanish I French I German I Chinese I Japanese I Russian I	Art II Theater Arts II Choir II Marching Band II Orchestra II Mariachi II Jazz Band II Dance II Spanish II French II German II Chinese II Japanese II Russian II	Art III Theater Arts III Choir III Marching Band III Orchestra III Mariachi III Jazz Band III Dance III Spanish III French III German III Chinese III Japanese III Russian III	Art IV Theater Arts IV Choir IV Marching Band IV Orchestra IV Mariachi IV Jazz Band IV Dance IV Spanish IV French IV German IV Chinese IV Japanese IV Russian IV
		<p>(one of the following)</p> <ul style="list-style-type: none"> • 2 levels each in two languages other than English (LOTE) • 4 levels in the same LOTE • Courses from one or two areas (music, theater, art, dance) in fine arts • English electives not included in Business and Industry • Social Studies • American Sign Language (ASL) 			
Multidisciplinary 		<p>(one of the following)</p> <ul style="list-style-type: none"> • 4 advanced courses from other endorsement areas • 4 credits in each foundation subject area, including English IV and chemistry and/or physics • 4 credits in Advanced Placement, International Baccalaureate, or dual credit selected from English, mathematics, science, social studies, economics, LOTE or fine arts 			

Brackenridge High School Graduation Plan (2016-2019)

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Burbank High School 2015-2016

Distinguished Level of Achievement Class of 2016, 2017, 2018 & 2019 Graduation Plan







Period	9 th 10 th 11 th 12 th				
	Four Year Plan				
1	English I	English II	English III	4 th Year English	
2	Algebra I	Geometry	Algebra II	4 th Year Math	
3	IPC/Biology	Biology/Chemistry	Chemistry/Physics	4 th Year Science/Physics	
4	World Geography	World History	U. S. History	Government / Economics	
5	PE/PE Sub./Elective	LOTE I	LOTE II	Elective	
6	Dollars & Sense	Fine Arts/Elective	Endorsement/Elective	Endorsement/Elective	
7	Elective	Endorsement/Elective	Endorsement/Elective	Endorsement/Elective	
8	Endorsement Elective	Endorsement Elective	Endorsement Elective	Endorsement Elective	
Endorsements	Certifications	1 st course	2 nd course	3 rd course	4 th course
STEM 		Algebra I or Alg I Pre-AP Geometry Pre-AP	Geometry or Pre-AP Algebra II Pre-AP	Algebra II or Pre-AP Pre-Calculus Pre-AP	Pre-Cal or Pre-AP or AQR or Calculus AB or AP Statistics
STEM 		Biology	Chemistry	Physics	2 Advanced Science
Business & Industry  MAGNET 	OSHA 10-Hour, Floral Design	Principles of Agriculture, Food & Natural Resources (1 credit) or Freshmen Seminar (1 credit)	Livestock Production (1 credit)	Veterinary Medical Applications (1 credit)	Veterinary Science Practicum (2-3 credits)
			Livestock Production (1 credit)	Small Animal Management (1 credit)	Advanced Animal Science (1 credit) and Business Management (1 credit) (R or DC)
			Principles & Elements of Floral Design (1 credit)	Horticulture Science (1 credit) and/or Adv. Plant & Soil Science (1 Science credit)	Adv. Plant & Soil Science (1 credit) and Business Management (1 credit) (R or DC) and/or Agriculture, Food & Natural Resources I Practicum (2 credits)
			Agriculture Mechanics & Metal Technologies (1 credit)	Agriculture Facilities Design & Fabrication (1-2 credits) and/or Agriculture Power Systems (2 credits)	Agriculture, Food & Natural Resources I Practicum (2 or 3 credits)
Business & Industry  	Microsoft Office Specialist (MOS), OSHA 10-Hour	Principles of Business, Marketing & Finance (1 credit) or Freshmen Seminar (1 credit)	Digital & Interactive Media (1 credit)	Web Technologies (1 credit)	Animation (1-2 credits)
Business & Industry  	OSHA 10-Hour, ProStart	Freshmen Seminar (1 credit)	Lifetime Nutrition & Wellness (.5 credit) and Principles of Hospitality and Tourism (1 credit)	Hospitality Services I Practicum (2-3 credits)	Hospitality Services II Practicum (2-3 credits) and/or Food Science (1 credit)

Burbank High School Graduation Plan (2016-2019)

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Burbank High School 2015-2016









Distinguished Level of Achievement Class of 2016, 2017, 2018 & 2019 Graduation Plan

Endorsements	Certifications	1 st course	2 nd course	3 rd course	4 th course
Business & Industry 	OSHA 10-Hour	Energy, Power & Transportation Systems (1 credit) or Freshmen Seminar (1 credit)	Auto Technology (1-2 credits)	Advanced Auto Technology (2-3 credits)	Transportation, Distribution & Logistics I Practicum (2-3 credits)
Public Service 		JROTC I	JROTC II	JROTC III	JROTC IV
Public Service 	OSHA 10-Hour	Principles of Law, Public Safety, Corrections, and Security (1 credit) or Freshmen Seminar (1 credit)	Law Enforcement I (1-2 credits)	Law Enforcement II (1-2 credits)	Forensic Science (1 credit) and/or Law, Public Safety, Corrections & Security I Practicum (2-3 credits)
Public Service 	Cosmetology, Operator and/or Manicurist and/or Esthetician Specialty License, OSHA 10-Hour	Freshmen Seminar (1 credit) or Intro. Cosmetology (1 credit)	Cosmetology I (2-3 credits)	Cosmetology II (2-3 credits)	Human Services Practicum-Cosmetology (2-3 credits)
Arts & Humanities 		Art I Theater Arts I Choir I Marching Band I Orchestra I Mariachi I Jazz Band I Spanish I Dance I	Art II Theater Arts II Choir II Marching Band II Orchestra II Mariachi II Jazz Band II Spanish II Dance II	Art III Theater Arts III Choir III Marching Band III Orchestra III Mariachi III Jazz Band III Spanish III Dance III	Art IV Theater Arts IV Choir IV Marching Band IV Orchestra IV Mariachi IV Jazz Band IV Spanish IV Dance IV
		(one of the following) • 2 levels each in two languages other than English (LOTE) • 4 levels in the same LOTE • Courses from one or two areas (music, theater, art, dance) in fine arts • English electives not included in Business and Industry • Social Studies • American Sign Language (ASL)			
Multidisciplinary 		(one of the following) • 4 advanced courses from other endorsement areas • 4 credits in each foundation subject area, including English IV and chemistry and/or physics • 4 credits in Advanced Placement, International Baccalaureate, or dual credit selected from English, mathematics, science, social studies, economics, LOTE or fine arts			
Career Development (Course does not qualify as an endorsement requirement)	OSHA 10-Hour	Available to students in all Programs of Study: Course requires students to have a valid social security # and remain employed throughout the duration of the year-long course.		Career Preparation I (2-3 credits)	Career Preparation II (2-3 credits)

Burbank High School Graduation Plan (2016-2019)

Edison High School 2015-2016

Distinguished Level of Achievement Class of 2016, 2017, 2018 & 2019 Graduation Plan





Period	9 th 10 th 11 th 12 th					
	Four Year Plan					
1		English I	English II	English III	4 th Year English	
2		Algebra I	Geometry	Algebra II	4 th Year Math	
3		IPC/Biology	Biology/Chemistry	Chemistry/Physics	4 th Year Science/Physics	
4		World Geography	World History	U. S. History	Government / Economics	
5		PE/PE Sub./Elective	LOTE I	LOTE II	Elective	
6		Dollars & Sense	Fine Arts/Elective	Endorsement/Elective	Endorsement/Elective	
7		Elective	Endorsement/Elective	Endorsement/Elective	Endorsement/Elective	
8		Endorsement Elective	Endorsement Elective	Endorsement Elective	Endorsement Elective	
ENDORSEMENTS		Certifications	1 st course	2 nd course	3 rd course	4 th course
STEM			Algebra I or Alg I Pre-AP or Geometry Pre-AP	Geometry or Pre-AP or Algebra II Pre-AP	Algebra II or Pre-AP or Pre-Calculus Pre-AP	Pre-Cal or Pre-AP or AQR or Calculus AB or AP Statistics or Statistics & Risk Management
STEM			Biology	Chemistry	Physics	2 Advanced Science
Business & Industry	 <i>Business Management & Administration</i>	Microsoft Certified Application Specialist (MCAS), OSHA 10-Hour	7702-Digital & Interactive Media (1 credit) and 7465-Dollars & Sense (1 credit)	7702-BIM (1 credit)	7202-Animation (2 credits)	7203-Animation II (2 credits) or 7204-Animation II (3 credits)
						7357- Statistics & Risk - Management (1 credit)
Business & Industry	 <i>Marketing, Sales & Service</i>	Microsoft Certified Application Specialist (MCAS), OSHA 10-Hour	7301-Principles of Business Marketing & Finance and (1 credit) 7465-Dollars & Sense (1 credit)	7301 - Principles of Business (1 credit)	7381 - Marketing Dynamics (2 credits) 7382- Marketing Dynamics (3 credits)	7383-Marketing Dynamics I Practicum (2 credits) 7384- Marketing Dynamics I Practicum (3 credits)
Public Service			JROTC I	JROTC II	JROTC III	JROTC IV
Public Service MAGNET	 <i>Health Science</i>	Certified Nurse Aide, Certified Pharmacy technician (CPht), Registered Dental Assistant (RDA), First Aid/CPR	7605 - Medical Terminology (.5 credit)	7600 - Principles of Health Science (1 credit)	Magnet 7604 - Health Science I Practicum (3 credits)	Magnet 7614 - Health Science II Practicum (3 credits) or 7608 - Anatomy and Physiology (1 credit)
			7606 - Pathophysiology (.5 credit)		Non-Magnet 7540 - Forensic Science (1 credit)	Non-Magnet 7608 - Anatomy and Physiology (1 credit)
Public Service	 <i>Human Services</i>	OSHA 10-Hour ServeSafe	7426-Principles of Hospitality & Tourism (1 credit) and 7465 - Dollars & Sense (1 credit)	7469 - Lifetime Nutrition and Wellness (1 credit)	7436 - Restaurant Management (1 credit)	7439 - Food Science (1 credit)
Public Service	 <i>Education & Training</i>	CareerSafe OSHA 10-Hour First Aid/CPR	7402 - Principles of Education & Training (1 credit) and 7465 - Dollars & Sense (1 credit)	7403 - Human Growth & Development (1 credit) or 7467 - Child Development (1 credit)	7405 - Instructional Practices in Education & Training (2 credits)	7406 - Education & Training I Practicum (2 credits) 7407 - Education & Training I Practicum (3 credits)

Edison High School Graduation Plan (2016-2019)

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Edison High School 2015-2016 (continued)

Distinguished Level of Achievement Class of 2016, 2017, 2018 & 2019 Graduation Plan

ENDORSEMENTS	Certifications	1 st course	2 nd course	3 rd course	4 th course
Public Service  MAGNET 	Emergency Communications CERT, OSHA 10-Hour, CareerSafe Cyber Security Awareness	7532 - Principles of Law, Public Safety, Corrections, and Security (1 credit) and 7465 - Dollars & Sense (1 credit)	7501 - Principles of Government & Public Administration (1 Credit) 7533 - Court Systems and Practices (1 Credit)	7534 – Law Enforcement I (1 credit) 7535 - Law Enforcement I (2 credits) 7545 - Firefighter I DC (1 credit) and 7549 - Fire Practicum DC (2 credits)	7536 - Law Enforcement II (1 credit) 7537 - Law Enforcement II (2 credits) 7540 - Forensic Science (1 credit) 7546 - Firefighter II DC (3 credits)
Arts & Humanities 		Art I Theater Arts I Choir I Marching Band I Orchestra I Mariachi I Jazz Band I Spanish I Dance I	Art II Theater Arts II Choir II Marching Band II Orchestra II Mariachi II Jazz Band II Spanish II Dance II	Art III Theater Arts III Choir III Marching Band III Orchestra III Mariachi III Jazz Band III Spanish III Dance III	Art IV Theater Arts IV Choir IV Marching Band IV Orchestra IV Mariachi IV Jazz Band IV Spanish IV Dance IV
		(one of the following) • 2 levels each in two languages other than English (LOTE) • 4 levels in the same LOTE • Courses from one or two areas (music, theater, art, dance) in fine arts • English electives not included in Business and Industry			
Multidisciplinary 		(one of the following) • 4 advanced courses from other endorsement areas • 4 credits in each foundation subject area, including English IV and chemistry and/or physics • 4 credits in Advanced Placement, International Baccalaureate, or dual credit selected from English, mathematics, science, social studies, economics, LOTE or fine arts			
Career Development (Course does not qualify as an endorsement requirement)	OSHA 10-Hour	Available to students in all Programs of Study: Course requires students to have a valid social security # and remain employed throughout the duration of the year-long course.		Career Preparation I (2-3 credits)	Career Preparation II (2-3 credits)

Fox Tech High School 2015-2016

Distinguished Level of Achievement Class of 2016, 2017, 2018 & 2019 Graduation Plan








Period	9 th		10 th		11 th		12 th	
	Four Year Plan							
1	English I		English II		English III		4 th Year English	
2	Algebra I		Geometry		Algebra II		4 th Year Math	
3	IPC/Biology		Biology/Chemistry		Chemistry/Physics		4 th Year Science/Physics	
4	World Geography		World History		U. S. History		Government / Economics	
5	PE/PE Sub./Elective		LOTE I		LOTE II		Elective	
6	Elective		Fine Arts/Elective		Endorsement/Elective		Endorsement/Elective	
7	Elective		Endorsement/Elective		Endorsement/Elective		Endorsement/Elective	
8	Endorsement Elective		Endorsement Elective		Endorsement Elective		Endorsement Elective	
ENDORSEMENTS		Certifications	1 st course	2 nd course	3 rd course	4 th course		
STEM			Algebra I or Alg I Pre-AP or Geometry Pre-AP	Geometry or Pre-AP or Algebra II Pre-AP	Algebra II or Pre-AP or Pre-Calculus Pre-AP	Pre-Cal or AP Calculus AB or AP Statistics		
STEM			Biology	Chemistry	Physics	AP Biology or AP Environmental Science or AP Physics		
Public Service LAW MAGNET	 	OSHA 10- Hour	Principles of Gov. and Public Administration (1 credit)	Political Science I (1 credit)	Political Science II (1 credit)	Local, State & Federal Government I Practicum (2 credits)		
Public Service MEDICAL PRACTICE MAGNET	 	OSHA 10- Hour First Aid, CPR & AED Cert	Principles of Health Science (1 credit)	Anatomy and Physiology (1 Science credit)	Medical Microbiology (.5 Credit) and Pathophysiology (.5 credit) and Health Science I (1 credit)	Clinical Rotations (2 credits)		
Public Service BIOMEDICAL RESEARCH MAGNET	 	OSHA 10- Hour First Aid, CPR & AED Cert	Principles of Health Science (1 credit)	Anatomy and Physiology (1 Science Credit)	Scientific Research & Design (1 credit) and Health Science technology (1 credit)	World Health Research (1 credit)		
Public Service			JROTC I	JROTC II	JROTC III	JROTC IV		
Arts & Humanities			Art I Mariachi I Spanish I Dance I	Art II Mariachi II Spanish II Dance II	Art III Mariachi III Spanish III Dance III	Art IV Mariachi IV Spanish IV Dance IV		
			(one of the following) • 2 levels each in two languages other than English (LOTE) • 4 levels in the same LOTE • Courses from one or two areas (music, theater, art, dance) in fine arts • English electives not included in Business and Industry • Social Studies • American Sign Language (ASL)					
Multidisciplinary			(one of the following) • 4 advanced courses from other endorsement areas • 4 credits in each foundation subject area, including English IV and chemistry and/or physics • 4 credits in Advanced Placement, International Baccalaureate, or dual credit selected from English, mathematics, science, social studies, economics, LOTE or fine arts					

Fox Tech High School Graduation Plan (2016-2019)

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Highlands High School 2015-2016










Distinguished Level of Achievement Class of 2016, 2017, 2018 & 2019 Graduation Plan

Period	9 th		10 th		11 th		12 th	
			Four Year Plan					
1	English I		English II		English III		4 th Year English	
2	Algebra I		Geometry		Algebra II		4 th Year Math	
3	IPC/Biology		Biology/Chemistry		Chemistry/Physics		4 th Year Science/Physics	
4	World Geography		World History		U. S. History		Government / Economics	
5	PE/PE Sub./Elective		LOTE I		LOTE II		Elective	
6	Dollars & Sense		Fine Arts/Elective		Endorsement/Elective		Endorsement/Elective	
7	Elective		Endorsement/Elective		Endorsement/Elective		Endorsement/Elective	
8	Endorsement Elective		Endorsement Elective		Endorsement Elective		Endorsement Elective	
ENDORSEMENTS		Certifications	1 st course	2 nd course	3 rd course	4 th course		
STEM			Algebra I or Alg I Pre-AP Geometry Pre-AP	Geometry or Pre-AP Algebra II Pre-AP	Algebra II or Pre-AP Pre-Calculus Pre-AP	Pre-Cal or Pre-AP or AQR Calculus AB or AP Statistics		
STEM			Biology	Chemistry	Physics	2 Advanced Science		
Science, technology, Engineering & Mathematics MAGNET		OSHA 10-Hour, AutoCAD	Concepts of Engineering technology (1 credit) or Dollars & Sense (1 credit)	Engineering Design and Presentation (1 credit)	Advanced Engineering Design and Presentation (2 credits) or Robotics & Automation (1 credit)	Science, technology, Engineering, and Mathematics I Practicum (2 credits)		
Business & Industry		OSHA 10-Hour, Hunter Education, Floral Design	Principles of Agriculture, Food & Natural Resources (1 credit) or Dollars & Sense (1 credit)	Wildlife, Fisheries & Ecology Management (1 credit)	Range Ecology & Management (.5 credit) and Forestry and Woodland Ecosystem (.5 credit)	Agriculture, Food & Natural Resources I Practicum (2 credits)		
				Principles & Elements of Floral Design (1 credit)	Horticulture Science (1 credit) and/or Landscape Design & Turf Grass Management (1 credit)			
				Agricultural Mechanics and Metal technology (1 credit)	Agriculture Facilities Design and Fabrication (1 credit)			
Business & Industry		A+ Certification, OSHA 10-Hour	Principles of Information technology (1 credit) or Dollars & Sense (1 credit)	Computer Maintenance (1-2 credits)	Telecommunications and Networking (2 credits)	Research in Information technology Solutions I (2 credits) or Computer technician (2 credits)		
			Principles of Information technology (1 credit)	Computer Programming (1 credit)	Advanced Computer Programming (2 credit)	Research in Information technology Solutions I (2 credits)		
Business & Industry		Microsoft Certified Application Specialist (MCAS), OSHA 10-Hour, Adobe	Principles of Business Marketing & Finance (1 credit) or Dollars & Sense (1 credit)	Business Information Management (1 credit) or Digital & Interactive Media (1 credit)	Business Information Management II (1 credit) or BIM I - DC (1 credit) or Web technologies (1 credit)	Virtual Business (1 credit) or BIM II - DC (1 credit) or Animation (1-2 credits)		
Business & Industry		Certified Associate – Creative Suite		Virtual Business (1 credit) or Retailing & E-tailing (.5 credit) and Global Business (.5 credit)	Sports Enter./Mkt. (.5 credit) and Advertising & Sales Promotion (.5 credit)	Marketing Dynamics I Practicum (2-3 credits)		

Highlands High School Graduation Plan (2016-2019)

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Highlands High School 2015-2016 (continued)

ENDORSEMENTS	Certifications	1 st course	2 nd course	3 rd course	4 th course
Business & Industry 	OSHA 10-Hour Construction, AutoCAD	Principles of Architecture & Construction (1 credit) or Dollars & Sense (1 credit)	Architectural Design (1-2 credits)	Advanced Architectural Design (2 credits)	Architectural Design I Practicum (2 credits)
Public Service 		JROTC I	JROTC II	JROTC III	JROTC IV
Public Service  	Emergency Communications CERT, OSHA 10-Hour, First Aid/CPR/ AED	Principles of Law, Public Safety, Corrections, and Security (1 credit) or Dollars & Sense (1 credit)	Law Enforcement I (1 credit)	Law Enforcement II (1 credit)	Forensic Science (1 credit) and/or Law, Public Safety, Corrections & Security I Practicum (2 credits)
Public Service  	OSHA 10-Hour,	Principles of Education & Training (1 credit) and Dollars & Sense (1 credit)	Human Growth & Development (1 credit) or Child Development (1 credit)	Instructional Practices in Education & Training (2 credits)	Education & Training I Practicum (2-3 credits)
Public Service 	ServeSafe	Principles of Human Services (1 credit) and Dollars & Sense (1 credit)	Lifetime Nutrition and Wellness (1 credit)	Family and Community Services (1 credit)	Practicum in Human Services (2 credits)
Arts & Humanities 		Art I Theater Arts I Choir I Marching Band I Orchestra I Mariachi I Jazz Band I Dance I Spanish I French I	Art II Theater Arts II Choir II Marching Band II Orchestra II Mariachi II Jazz Band II Dance II Spanish II French II	Art III Theater Arts III Choir III Marching Band III Orchestra III Mariachi III Jazz Band III Dance III Spanish III French III	Art IV Theater Arts IV Choir IV Marching Band IV Orchestra IV Mariachi IV Jazz Band IV Dance IV Spanish IV AP Spanish Literature AP Spanish Language French IV
		(one of the following) • 2 levels each in two languages other than English (LOTE) • 4 levels in the same LOTE • Courses from one or two areas (music, theater, art, dance) in fine arts • English electives not included in Business and Industry			
Multidisciplinary 		(one of the following) • 4 advanced courses from other endorsement areas • 4 credits in each foundation subject area, including English IV and chemistry and/or physics • 4 credits in Advanced Placement, International Baccalaureate, or dual credit selected from English, mathematics, science, social studies, economics, LOTE or fine arts			
Career Development (Course does not qualify as an endorsement requirement)	OSHA 10-Hour First Aid/CPR/AED	Available to students in all Programs of Study: Course requires students to have a valid social security # and remain employed throughout the duration of the year-long course.		Career Preparation I (2-3 credits)	Career Preparation II (2-3 credits)

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Sam Houston High School 2015-2016

Distinguished Level of Achievement Class of 2016, 2017, 2018 & 2019 Graduation Plan









Period	9 th 10 th 11 th 12 th				
	Four Year Plan				
1	English I	English II	English III	4 th Year English	
2	Algebra I	Geometry	Algebra II	4 th Year Math	
3	IPC/Biology	Biology/Chemistry	Chemistry/Physics	4 th Year Science/Physics	
4	World Geography	World History	U. S. History	Government / Economics	
5	PE/PE Sub./Elective	LOTE I	LOTE II	Elective	
6	Dollars & Sense	Fine Arts/Elective	Endorsement/Elective	Endorsement/Elective	
7	Elective	Endorsement/Elective	Endorsement/Elective	Endorsement/Elective	
8	Endorsement Elective	Endorsement Elective	Endorsement Elective	Endorsement Elective	
ENDORSEMENTS	Certifications	1 st course	2 nd course	3 rd course	4 th course
STEM 		Algebra I or Alg I Pre-AP or Geometry Pre-AP	Geometry or Pre-AP or Algebra II Pre-AP	Algebra II or Pre-AP or Pre-Calculus Pre-AP	Pre-Cal or Pre-AP or AQR or Calculus AB or AP Statistics
STEM 		Biology	Chemistry	Physics	2 Advanced Science
STEM MAGNET NEW tech  	OSHA 10-Hour	Intro to Engineering Design (1 credit)	Principles of Engineering (1 credit)	Digital Electronics (1 credit)	Engineering Design & Development (1 credit)
Business & Industry  	Microsoft Certified Application Specialist (MCAS)	Principles of Business, Marketing & Finance (1 credit)	Business Information Management I (1 credit)	Business Information Management II (1 credit)	Business Management I Practicum (2 credits)
Business & Industry  MAGNET NEW tech 	Certified Internet Webmaster Associate	Dollars & Sense (1 credit) or Principles of Information technology (1 credit)	Digital and Interactive Media (1 credit)	Web technology (1 credit)	Research in IT Solutions I (2 credits)
Business & Industry  	OSHA 10-Hour, ServeSafe Starter, ServeSafe Manager's Certification	Dollars & Sense (1 credit)	Restaurant Management (1 credit)	Culinary Arts (2 credits)	Culinary Arts I Practicum (2-3 credits) or Food Science (1 credit)

Sam Houston High School Graduation Plan (2016-2019)

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Sam Houston High School 2015-2016 *(continued)*

Distinguished Level of Achievement Class of 2016, 2017, 2018 & 2019 Graduation Plan

ENDORSEMENTS	Certifications	1 st course	2 nd course	3 rd course	4 th course
Business & Industry 	OSHA 10-Hour Construction	Principles of Architecture and Construction (1 credit) or Dollars & Sense (1 credit)	Construction Management (1 credit)	Advanced Construction Management (2 -3 credits)	Construction Management I Practicum (2-3 credits)
Business & Industry 	OSHA 10-Hour, AWS-Welding D1.1, (MSSC) Manufacturing Skills Standards Council – Certified Production technician (CPT)	Principles of Manufacturing (1 credit) or Dollars & Sense (1 credit)	Welding (2 credits)	Advanced Welding (2-3 credits) Manufacturing Engineering (2-3 credits)	Manufacturing I Practicum (2-3 credits)
Business & Industry MAGNET NEW tech 	OSHA 10-Hour, Final Cut Pro	Principles of Arts, Audio/Video technology (1 credit) or Dollars & Sense (1 credit)	Audio/Video Production (1-2 credits)	Advanced Audio/Video Production (2-3 credits)	Audio/Video Production I Practicum (2-3 credits)
Public Service 		JROTC I	JROTC II	JROTC III	JROTC IV
Public Service 	Emergency Communications CERT, OSHA 10-Hour, First Aid/CPR/ AED	Principles of Law, Public Safety, Corrections, and Security (1 credit) or Dollars & Sense (1 credit)	Law Enforcement I (1 credit)	Law Enforcement II (1 credit)	Forensic Science (1 credit) and/or Law, Public Safety, Corrections & Security I Practicum (2 credits)
Public Service 	Cosmetology, Operator and/or Manicurist and/or Esthetician Specialty License, OSHA 10-Hour	Intro to Cosmetology (1 credit) or Dollars & Sense (1 credit)	Cosmetology I (2 credits)	Cosmetology II (2-3 credits)	Human Services I Practicum - Cosmetology 2-3 credits
Arts & Humanities 		Art I Theater Arts I Choir I Marching Band I Orchestra I Jazz Band I Spanish I Dance I (one of the following) •2 levels each in two languages other than English (LOTE) •4 levels in the same LOTE •Courses from one or two areas (music, theater, art, dance) in fine arts •English electives not included in Business and Industry	Art II Theater Arts II Choir II Marching Band II Orchestra II Jazz Band II Spanish II Dance II	Art III Theater Arts III Choir III Marching Band III Orchestra III Jazz Band III Spanish III Dance III	Art IV Theater Arts IV Choir IV Marching Band IV Orchestra IV Jazz Band IV Spanish IV Dance IV •Social Studies •American Sign Language (ASL)
Multidisciplinary 		(one of the following) •4 advanced courses from other endorsement areas •4 credits in each foundation subject area, including English IV and chemistry and/or physics •4 credits in Advanced Placement, International Baccalaureate, or dual credit selected from English, mathematics, science, social studies, economics, LOTE or fine arts			

Thomas Jefferson High School 2015-16





Distinguished Level of Achievement Class of 2016, 2017, 2018 & 2019 Graduation Plan

Period	9 th		10 th		11 th		12 th	
	Four Year Plan							
1		English I	English II	English III	4 th Year English			
2		Algebra I	Geometry	Algebra II	4 th Year Math			
3		IPC/Biology	Biology/Chemistry	Chemistry/Physics	4 th Year Science/Physics			
4		World Geography	World History	U. S. History	Government / Economics			
5		PE/PE Sub./Elective	LOTE I	LOTE II	Elective			
6		Dollars & Sense	Fine Arts/Elective	Endorsement/Elective	Endorsement/Elective			
7		Elective	Endorsement/Elective	Endorsement/Elective	Endorsement/Elective			
8		Endorsement Elective	Endorsement Elective	Endorsement Elective	Endorsement Elective			
ENDORSEMENTS		Certifications	1 st course	2 nd course	3 rd course	4 th course		
STEM			Algebra I or Alg I Pre-AP or Geometry Pre-AP	Geometry or Pre-AP or Algebra II Pre-AP	Algebra II or Pre-AP or Pre-Calculus Pre-AP	Pre-Cal or Pre-AP or AQR or Calculus AB or AP Statistics		
STEM			Biology	Chemistry	Physics	2 Advanced Science		
Business & Industry	 	OSHA 10-Hour, Floral Design	Principles of Agriculture, Food & Natural Resources (1 credit) or Dollars & Sense (1 credit)	Prin. of Floral Design (1 credit) and/or Energy & Natural Resources technology (1 credit)	Landscape Design (1 credit) and Advanced Environmental technology (1 credit)	Agriculture, Food & Natural Resources I Practicum (2 credits) or Advanced Plant & Soil Science (1 credit)		
Business & Industry	 	Autodesk Revit, AutoCAD	Principles of Architecture & Construction (1 credit) or Dollars & Sense (1 credit)	Architectural Design (1 credit) or Interior Design (1 credit)	Advanced Architectural Design (2 credits) (DC) or Advanced Interior Design (1 credit)	Architectural Design I Practicum (2 credits) or Interior Design I Practicum (2 credits)		
Business & Industry	 	Final Cut Pro, OSHA 10-Hour, Adobe Dreamweaver	Principles of Arts, A/V technology Communications (1 credit) or Dollars & Sense (1 credit)	Audio Video Production (1 credit) or Animation (1 credit)	Advanced Audio Video Production (2 credits) or Advanced Animation (2 credits)	Audio Video Production I Practicum (2 credits)		
Business & Industry	 	Microsoft Certified Application Specialist (MCAS), OSHA 10-Hour	Principles of Business, Marketing & Finance (1 credit) or Dollars & Sense (1 credit)	Human Resources Management (1 credit)	Business Law (1 credit)	Global Business (1 credit)		
Public Service			JROTC I	JROTC II	JROTC III	JROTC IV		

Jefferson High School Graduation Plan (2016-2019)









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Thomas Jefferson High School 2015-16 (continued)

ENDORSEMENTS	Certifications	1 st course	2 nd course	3 rd course	4 th course
Public Service 	Emergency Communications CERT, OSHA 10-Hour	Principles of Law, Public Safety, Corrections, and Security (1 credit) or Dollars & Sense (1 credit)	Law Enforcement I (1 credit)	Correctional Services (1 credit)	Law, Public Safety, Corrections & Security I Practicum (2 credits)
Public Service 		Principles of Government & Public Administration (1 credit) or Dollars & Sense (1 credit)	Political Science I (1 credit)	Political Science II (1 credit)	Local State & Federal Government I Practicum (2 credits)
Arts & Humanities 		Art I Theater Arts I Choir I Marching Band I Orchestra I Mariachi I Jazz Band I Spanish I Dance I	Art II Theater Arts II Choir II Marching Band II Orchestra II Mariachi II Jazz Band II Spanish II Dance II	Art III Theater Arts III Choir III Marching Band III Orchestra III Mariachi III Jazz Band III Spanish III Dance III	Art IV Theater Arts IV Choir IV Marching Band IV Orchestra IV Mariachi IV Jazz Band IV Spanish IV Dance IV
		<p>(one of the following)</p> <ul style="list-style-type: none"> • 2 levels each in two languages other than English (LOTE) • 4 levels in the same LOTE • Courses from one or two areas (music, theater, art, dance) in fine arts • English electives not included in Business and Industry 			
Multidisciplinary 		<p>(one of the following)</p> <ul style="list-style-type: none"> • 4 advanced courses from other endorsement areas • 4 credits in each foundation subject area, including English IV and chemistry and/or physics • 4 credits in Advanced Placement, International Baccalaureate, or dual credit selected from English, mathematics, science, social studies, economics, LOTE or fine arts 			
Career Development (Course does not qualify as an endorsement requirement)	OSHA 10-Hour	Available to students in all Programs of Study: Course requires students to have valid social security # and remain employed throughout the duration of the year-long course.		Career Preparation I (2 credits)	Career Preparation II (2 credits)

Sidney Lanier High School 2015-2016

Distinguished Level of Achievement Class of 2016, 2017, 2018 & 2019 Graduation Plan

Period	9 th 10 th 11 th 12 th				
	Four Year Plan				
1	English I	English II	English III	4 th Year English	
2	Algebra I	Geometry	Algebra II	4 th Year Math	
3	IPC/Biology	Biology/Chemistry	Chemistry/Physics	4 th Year Science/Physics	
4	World Geography	World History	U. S. History	Government / Economics	
5	PE/PE Sub./Elective	LOTE I	LOTE II	Elective	
6	Dollars & Sense	Fine Arts/Elective	Endorsement/Elective	Endorsement/Elective	
7	Elective	Endorsement/Elective	Endorsement/Elective	Endorsement/Elective	
8	Endorsement Elective	Endorsement Elective	Endorsement Elective	Endorsement Elective	
ENDORSEMENTS	Certifications	1 st course	2 nd course	3 rd course	4 th course
STEM 		Algebra I or Alg I Pre-AP Geometry Pre-AP	Geometry or Pre-AP Algebra II Pre-AP	Algebra II or Pre-AP or Pre-Calculus Pre-AP	Pre-Cal or Pre-AP or AQR or Calculus AB or AP Statistics
STEM 		Biology	Chemistry	Physics	2 Advanced Science
STEM 	OSHA 10-Hour	Concepts of Engineering technology (1 credit) or Dollars & Sense (1 credit)	Engineering Design and Presentation (1-2 credits)	Robotics & Automation (1-2 credits)	Advanced Engineering Design & Presentation (2 credits)
Business & Industry MAGNET 	Microsoft Certified Application Specialist (MCAS), OSHA 10-Hour, Financial Literacy Certification,	Principles of Business, Marketing & Finance (1 credit)	Accounting I (1 credit)	Accounting II (1 credit)	Entrepreneurship (1 credit)
Business & Industry MAGNET 	Teller Operator, Volunteer Income Tax Assistance (VITA)		Business Information Management I (1 credit)	Business Management (1 credit)	Business Law (1 credit)
Business & Industry 	OSHA 10-Hour, ServeSafe Starter and/or Manager's Certification, ProStart, FS Prep	Dollars & Sense (1 credit)	Principles of Hospitality (1 credit)	Culinary Arts (2 credits)	Culinary Arts I Practicum (2-3 credits) or Food Science (1 credit)
Business & Industry 	OSHA 10-Hour	Dollars & Sense (1 credit)	Digital & Interactive Media (1 credit)	Web technologies (1 credit)	Animation I (1 credit)
Business & Industry 	OSHA 10-Hour, NA3SA – National Automotive Student Skills Standards Assessment, Automotive Service Excellence Engine Repair/ Performance (ASE)	Dollars & Sense (1 credit)	Automotive technology (1-2 credits)	Collision Repair & Refinishing (St. Philip's SW Campus for 11 th and 12 th grades) (1-2 credits)	Adv. Collision Repair & Refinishing (St. Philip's College SW Campus) (2-3 credits)
				Advanced Automotive technology (2 credits)	Transportation, Distribution & Logistics I Practicum (2-3 credits) (Collision at St. Philip's SW Campus)

Lanier High School Graduation Plan (2016-2019)

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Sidney Lanier High School 2015-2016 (continued)

Distinguished Level of Achievement Class of 2016, 2017, 2018 & 2019 Graduation Plan

ENDORSEMENTS	Certifications	1 st course	2 nd course	3 rd course	4 th course
Business & Industry 	OSHA 10-Hour, AutoCAD	Principles of Architecture & Construction (1 credit) or Dollars & Sense (1 credit)	Architectural Design (1-2 credits)	Advanced Architectural Design (2-3 credits)	Architectural Design I Practicum (2 credits)
			Construction Management (1 credit)	Advanced Construction Management (2 credits)	Practicum in Construction Management I (2 credits)
Business & Industry 	PrintED, OSHA 10-Hour, Photoshop, Illustrator	Principles of Arts, AV technology and Communications (1 credit) or Dollars & Sense (1 credit)	Printing & Imaging technology (1-2 credits)	Advanced Printing & Imaging technology (2-3 credits)	Printing & Imaging technology I Practicum (2-3 credits)
			Graphic Design and Illustration (1-2 credits)	Advanced Graphic Design and Illustration (2-3 credits)	Graphic Design and Illustration I Practicum (2 credits)
Public Service 		JROTC I	JROTC II	JROTC III	JROTC IV
Public Service 	Emergency Comm. CERT, Homeland Security, OSHA 10-Hour	Principles of Law, Public Safety, Corrections, and Security (1 credit) or Dollars & Sense (1 credit)	Law Enforcement I (1-2 credits)	Law Enforcement II (1-2 credits)	Forensic Science (1 credit) and/or Law, Public Safety, Corrections & Security I Practicum (2 credits)
Public Service 	OSHA 10-Hour	Principles of Ed. & Training (1 credit) or Dollars & Sense (1 credit)	Human Growth and Development (1 credit)	Instructional Practices in Education & Training (1-2 credits)	Education & Training I Practicum (2 credits)
Public Service 	Cosmetology, Operator and/or Manicurist and/or Esthetician Specialty License, OSHA 10-Hour	Intro to Cosmetology (1 credit) or Dollars & Sense (1 credit)	Cosmetology I (2 credits)	Cosmetology II (2-3 credits)	Practicum -Cosmetology (3 credits)
Arts & Humanities 		Art I Theater Arts I Choir I Marching Band I Orchestra I Mariachi I Jazz Band I Spanish I Dance I	Art II Theater Arts II Choir II Marching Band II Orchestra II Mariachi II Jazz Band II Spanish II Dance II	Art III Theater Arts III Choir III Marching Band III Orchestra III Mariachi III Jazz Band III Spanish III Dance III	Art IV Theater Arts IV Choir IV Marching Band IV Orchestra IV Mariachi IV Jazz Band IV Spanish IV Dance IV
		(one of the following) <ul style="list-style-type: none"> • 2 levels each in two languages other than English (LOTE) • 4 levels in the same LOTE • Courses from one or two areas (music, theater, art, dance) in fine arts • English electives not included in Business and Industry • Social Studies • American Sign Language (ASL) 			
Multidisciplinary 		(one of the following) <ul style="list-style-type: none"> • 4 advanced courses from other endorsement areas • 4 credits in each foundation subject area, including English IV and chemistry and/or physics • 4 credits in Advanced Placement, International Baccalaureate, or dual credit selected from English, mathematics, science, social studies, economics, LOTE or fine arts 			
Career Development (Course does not qualify as an endorsement requirement)	OSHA 10-Hour, ServeSafe Starter	Available to students in all Programs of Study: Course requires students to have a valid social security # and remain employed throughout the duration of the year-long course.		Career Preparation I (2-3 credits)	Career Preparation II (2-3 credits)

Lanier High School Graduation Plan (2016-2019)



Section VI:

CTE Institutes & Pathways

Class of 2020 & Beyond

SAISD

SAISD Disclaimer:

The contents of the High School Information Guide are relevant to SAISD Policy (LEGAL and LOCAL) and Administrative Procedures as of January 2016. For current information regarding district policy, please refer to the San Antonio Independent School District website at [SAISD Board Policy Manual](#) or visit with your school counselor.

Specific school-related questions should be directed to campus staff. When a parent or guardian has a question or concern, he or she should contact the person who made the initial decision. If the concern continues after the discussion, the principal should be contacted.

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Brackenridge High School Class of 2020

Animation/Game Design Institute – Business & Industry Endorsement



Animation/Game Design Institute 4-Year Plan

Brackenridge HS Class of 2020 & Beyond

Four Year Plan				
PERIOD	9 TH	10 TH	11 TH	12 TH
1	English I (1214) or Pre-AP English I (1215)	English II (1224) or Pre-AP English II (1225)	AP English III or ENGL 1301/1302 DC	AP English IV or ENGL 2322/2323 DC
2	Algebra I (2214) or Pre-AP Geometry (2225)	Geometry or Pre-AP Algebra II	Algebra II or Pre-AP Pre-Calculus or DE	Pre-Calculus or AP Calculus AB/BC
3	Biology (3224) or Pre-AP Biology (3225)	Chemistry or Pre-AP Chemistry	Physics	Anatomy & Physiology
4	AVID (8545) or Elective	World History or Pre-AP World History AP World History	U.S. History or AP U.S. History	AP Govt / AP Eco or GOVT 2305 DC/ ECON 1301 DC
5	Spanish I (5211) or Spanish II (5214)	Spanish II or Spanish III	Advanced Animation DC (3 cr)	Audio/Video Production I Practicum DC (3 cr)
6	Principles of Arts, Audio/Video Technology (7212)	Animation		
7	PE (8213) / PE Sub./Elective	Fine Arts Elective		
8	Elective	Elective	Elective	Video Game Design I
TOTAL CREDITS	8	8	8	8

Fine Arts Electives	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
Animation Majors will choose ONE Fine Arts elective	Art I (6411) Theater Arts I (6441) Theatre Prod (6451) Tech Theatre I (6461) Choir I (6621) Marching Band I (6821/6841) Orchestra I (6651) Mariachi I (6811) Jazz Band I (6651) Dance I (6611)	Art II Theater Arts II Theatre Prod II Tech Theatre II Choir II Marching Band II Orchestra II Mariachi II Jazz Band II Dance II	Art III Theater Arts III Theatre Prod III Tech Theatre III Choir III Marching Band III Orchestra III Mariachi III Jazz Band III Dance III	Art IV Theater Arts IV Theatre Prod IV Tech Theatre IV Choir IV Marching Band IV Orchestra IV Mariachi IV Jazz Band IV Dance IV

PE/PE Substitutes	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
Animation Majors will choose ONE PE/PE Substitute	M Band I (6821/6841) Dance I (6611) JROTC I (8441) Athletics (83xx) Foundations (8213) Spirit Groups (8151)	Marching Band II Dance II JROTC II Athletics Indiv/Team Sports (8214) Spirit Groups	Marching Band III Dance III JROTC III Athletics Aerobics (8216) PE 3 (8219) Spirit Groups	Marching Band IV Dance IV JROTC IV Athletics Spirit Groups

Spirit Groups Include - Pep Squad, Cheerleading, Drill Team

Additional Electives	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
Animation Majors may choose from the following electives if schedule allows	World Geography (4214) Journalism (1718) Art I, Art & Media Communication I (6511)	Professional Communications DC or Communication Applications DC Art II, Sculpture	Art II, Digital Art & Media I	Art III, Digital Art & Media II

Students must meet TSI requirements identified by the Alamo Colleges prior to enrollment in dual credit courses. Advanced Placement courses are available to prepare students for rigorous college coursework. All students will participate in UIL, student leadership and service opportunities while in high school.

DC – Dual Credit DE – Dual Enrollment at UT
AP – Advanced Placement Pre-AP – Pre-Advanced Placement
New Courses/Sequences



Brackenridge High School Class of 2020

Broadcast Institute – Business & Industry Endorsement



Broadcast Institute 4-Year Plan

Brackenridge HS Class of 2020 & Beyond

Four Year Plan				
PERIOD	9 TH	10 TH	11 TH	12 TH
1	English I (1214) or Pre-AP English I (1215)	English II or Pre-AP English II	AP English III or ENGL 1301/1302 DC	AP English IV or ENGL 2322/2323 DC
2	Algebra I (2214) or Pre-AP Geometry (2225)	Geometry or Pre-AP Algebra II	Algebra II or Pre-AP Pre-Calculus or DE	Pre-Calculus or AP Calculus AB/BC
3	Biology (3224) or Pre-AP Biology (3225)	Chemistry or Pre-AP Chemistry	Physics	Anatomy & Physiology
4	AVID (8545) or Elective	World History or Pre-AP World History AP World History	U.S. History or AP U.S. History	AP Govt / AP Eco or GOVT 2305 DC/ ECON 1301 DC
5	Spanish I (5211) or Spanish II (5214)	Spanish II or Spanish III	Advanced Audio/Video Production DC (3 cr)	Audio/Video Production I Practicum DC (3 cr)
6	Professional Communication (7970)	Creative Writing		
7	PE (8213)/PE Sub./Elective	Fine Arts Elective		
8	Elective	Elective	Elective	Elective
TOTAL CREDITS	8	8	8	8

Fine Arts Electives	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
Broadcast Majors will choose ONE Fine Arts elective	M Band I (6821/6841) Dance I (6611) JROTC I (8441) Athletics (83xx) Foundations (8213) Spirit Groups (8151)	Marching Band II Dance II JROTC II Athletics Indiv/Team Sports (8214) Spirit Groups	Marching Band III Dance III JROTC III Athletics Aerobics (8216) PE 3 (8219) Spirit Groups	Marching Band IV Dance IV JROTC IV Athletics Spirit Groups

PE/PE Substitutes	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
Broadcast Majors will choose ONE PE/PE Substitute	Art I (6411) Theater Arts I (6441) Theatre Prod (6451) Tech Theatre (6461) Choir I (6621) Marching Band I (6821/6841) Orchestra I (6651) Mariachi I (6811) Jazz Band I (6651) Dance I (6611)	Marching Band II Dance II JROTC II Athletics Team Sports Individual Sports Aerobics Foundations Spirit Groups	Marching Band III Dance III JROTC III Athletics Team Sports Individual Sports Aerobics Foundations Spirit Groups	Marching Band IV Dance IV JROTC IV Athletics Team Sports Individual Sports Aerobics Foundations Spirit Groups

Spirit Groups Include- Pep Squad, Cheerleading, Drill Team

Additional Electives	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
Broadcast Majors may choose from the following electives if schedule allows	Journalism (1718) World Geography (4214)	Communication Applications DC	Visual Media Analysis & Production (.5 cr)	Advanced Broadcast Journalism I-III

Students must meet TSI requirements identified by the Alamo Colleges prior to enrollment in dual credit courses. Advanced Placement courses are available to prepare students for rigorous college coursework. All students will participate in UIL, student leadership and service opportunities while in high school.

DC – Dual Credit DE – Dual Enrollment at UT
AP – Advanced Placement Placement Pre-AP – Pre-Advanced
New Courses/Sequences



Brackenridge High School Class of 2020

Criminal Justice Pathway – Public Service Endorsement



Criminal Justice Pathway: 4-Year Plan

Brackenridge HS Class of 2020 & Beyond

Four Year Plan				
PERIOD	9 TH	10 TH	11 TH	12 TH
1	English I (1214) or Pre-AP English I (1215)	English II or Pre-AP English II	AP English III or ENGL 1301/1302 DC	AP English IV or ENGL 2322/2323 DC
2	Algebra I (2214) or Pre-AP Geometry (2225)	Geometry or Pre-AP Algebra II	Algebra II or Pre-AP Pre-Calculus or DE	Pre-Calculus or AP Calculus AB/BC
3	Biology (3224) or Pre-AP Biology (3225)	Chemistry or Pre-AP Chemistry	Physics	Anatomy & Physiology
4	AVID (8545) or Elective	World History or Pre-AP World History AP World History	U.S. History or AP U.S. History	AP Govt / AP Eco or GOVT 2305 DC/ ECON 1301 DC
5	Spanish I (5211) or Spanish II (5214)	Spanish II or Spanish III	AP Psychology	Forensic Science
6	Principles of Law, Public Safety, Corrections & Security (7532)	Court Systems and Practices	Law Enforcement I (DC) (2 cr)	Law Enforcement II (DC) (2 cr)
7	PE (8213) /PE Sub./Elective	Fine Arts Elective		
8	Elective	Elective	Elective	Elective
TOTAL CREDITS	8	8	8	8

Fine Arts Electives	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
Criminal Justice Majors will choose ONE Fine Arts elective	Art I (6411) Theater Arts I (6441) Theatre Prod (6451) Tech Theatre I (6461) Choir I (6621) M Band I (6821/6841) Orchestra I (6651) Mariachi I (6811) Jazz Band I (6651) Dance I (6611)	Art II Theater Arts II Theatre Prod II Tech Theatre II Choir II Marching Band II Orchestra II Mariachi II Jazz Band II Dance II	Art III Theater Arts III Theatre Prod III Tech Theatre III Choir III Marching Band III Orchestra III Mariachi III Jazz Band III Dance III	Art IV Theater Arts IV Theatre Prod IV Tech Theatre IV Choir IV Marching Band IV Orchestra IV Mariachi IV Jazz Band IV Dance IV
PE/PE Substitutes	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
Criminal Justice Majors will choose ONE PE/PE Substitute	M Band I (6821/6841) Dance I (6611) JROTC I (8441) Athletics (83xx) Foundations (8213) Spirit Groups (8151)	Marching Band II Dance II JROTC II Athletics Indiv/Team Sports (8214) Spirit Groups	Marching Band III Dance III JROTC III Athletics Aerobics (8216) PE 3 (8219) Spirit Groups	Marching Band IV Dance IV JROTC IV Athletics Spirit Groups

Spirit Groups Include- Pep Squad, Cheerleading, Drill Team

Students must meet TSI requirements identified by the Alamo Colleges prior to enrollment in dual credit courses. Advanced Placement courses are available to prepare students for rigorous college coursework. All students will participate in UIL, student leadership and service opportunities while in high school.

DC – Dual Credit DE – Dual Enrollment at UT
AP – Advanced Placement Pre-AP – Pre-Advanced Placement
New Courses/Sequences



Brackenridge High School Class of 2020

Computer Science Pathway – STEM Endorsement



Computer Science Pathway 4-Year Plan

Brackenridge HS Class of 2020 & Beyond

Four Year Plan				
PERIOD	9 TH	10 TH	11 TH	12 TH
1	English I (1214) or Pre-AP English I (1215)	English II or Pre-AP English II	AP English III or ENGL 1301/1302 DC	AP English IV or ENGL 2322/2323 DC
2	Algebra I (2214) or Pre-AP Geometry (2225)	Geometry or Pre-AP Algebra II	Algebra II or Pre-AP Pre-Calculus or DE	Pre-Calculus or AP Calculus AB/BC
3	Biology (3224) or Pre-AP Biology (3225)	Chemistry or Pre-AP Chemistry	Physics	Forensic Science
4	AVID (8545) or Elective	World History or Pre-AP World History	U.S. History or AP U.S. History	AP Govt / AP Eco or GOVT 2305 DC/ECON 1301 DC
5	Spanish I (5211) or Spanish II (5214)	Spanish II or Spanish III	AP Psychology/AP Sociology	Artificial Intelligence (.5) PLTW Cybersecurity (.5) PLTW
6	PE (8213) /PE Sub./Elective	Fine Arts Elective	Digital & Interactive Media	Computational Problem Solving PLTW Robotics & Automation (2)
7	Intro Computer Science (.5) PLTW Modern Physics (.5)	Computer Science & Software Engineering PLTW	Computer Science Applications PLTW	
8	Elective	Elective	Elective	Elective
TOTAL CREDITS	8	8	8	8

Fine Arts Electives	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
Computer Science Majors will choose ONE Fine Arts elective	Art I (6411) Theater Arts I (6441) Theatre Prod (6451) Tech Theatre I (6461) Choir I (6621) M Band I (6821/6841) Orchestra I (6651) Mariachi I (6811) Jazz Band I (6651) Dance I (6611)	Art II Theater Arts II Theatre Prod II Tech Theatre II Choir II Marching Band II Orchestra II Mariachi II Jazz Band II Dance II	Art III Theater Arts III Theatre Prod III Tech Theatre III Choir III Marching Band III Orchestra III Mariachi III Jazz Band III Dance III	Art IV Theater Arts IV Theatre Prod IV Tech Theatre IV Choir IV Marching Band IV Orchestra IV Mariachi IV Jazz Band IV Dance IV
PE/PE Substitutes	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
Computer Science Majors will choose ONE PE/PE Substitute	M Band I (6821/6841) Dance I (6611) JROTC I (8441) Athletics (83xx) Foundations (8213) Spirit Groups (8151)	Marching Band II Dance II JROTC II Athletics Indiv/Team Sports (8214) Spirit Groups	Marching Band III Dance III JROTC III Athletics Aerobics (8216) PE 3 (8219) Spirit Groups	Marching Band IV Dance IV JROTC IV Athletics Spirit Groups

Spirit Groups Include- Pep Squad, Cheerleading, Drill Team

Additional Electives	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
Criminal Justice Majors may choose from the following electives if schedule allows	World Geo (4214) Journalism (1718) Web Tech (7706) Bus. Info Mgmt. (7302)	Professional Communications DC or Communication Applications DC	Legal Research & Writing	Emergency Medical Technician – Basic
Additional Electives	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
Computer Science Majors may choose from the following electives if schedule allows	World Geo (4214) Journalism (1718) Web Tech (7706) Bus. Info Mgmt. (7302)	Professional Communications DC or Communication Applications DC	Scientific Research & Design	Simulation & Modeling (.5) (PLTW)

Students must meet TSI requirements identified by the Alamo Colleges prior to enrollment in dual credit courses. Advanced Placement courses are available to prepare students for rigorous college coursework. All students will participate in UIL, student leadership and service opportunities while in high school.

DC – Dual Credit DE – Dual Enrollment at UT
AP – Advanced Placement Pre-AP – Pre-Advanced Placement
New Courses/Sequences



Brackenridge High School Class of 2020

Cosmetology Pathway – Public Service Endorsement



Four Year Plan				
PERIOD	9 TH	10 TH	11 TH	12 TH
1	English I (1214) or Pre-AP English I (1215)	English II or Pre-AP English II	AP English III or ENGL 1301/1302 DC	AP English IV or ENGL 2322/2323 DC
2	Algebra I (2214) or Pre-AP Geometry (2225)	Geometry or Pre-AP Algebra II	Algebra II or Pre-AP Pre-Calculus or DE	Pre-Calculus or AP Calculus AB/BC
3	Biology (3224) or Pre-AP Biology (3225)	Chemistry or Pre-AP Chemistry	Physics	Anatomy & Physiology
4	AVID (8545) or Elective	World History or Pre-AP World History AP World History	U.S. History or AP U.S. History	AP Govt / AP Eco or GOVT 2305 DC/ECON 1301 DC
5	Spanish I (5211) or Spanish II (5214)	Spanish II or Spanish III	Cosmetology II DC (3 cr)	Practicum in Human Services DC (3 cr)
6	Introduction to Cosmetology (7474)	Cosmetology I (2 cr)		
7	PE (8213)/PE Sub./Elective			
8	Elective	Fine Arts Elective	Elective	Elective
TOTAL CREDITS	8	8	8	8

Cosmetology Pathway 4-Year Plan

Brackenridge HS Class of 2020 & Beyond

Fine Arts Electives	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
Cosmetology Majors will choose ONE Fine Arts elective	Art I (6411) Theater Arts I (6441) Theatre Prod (6451) Tech Theatre I (6461) Choir I (6621) M Band I (6821/6841) Orchestra I (6651) Mariachi I (6811) Jazz Band I (6651) Dance I (6611)	Art II Theater Arts II Theatre Prod II Tech Theatre II Choir II Marching Band II Orchestra II Mariachi II Jazz Band II Dance II	Art III Theater Arts III Theatre Prod III Tech Theatre III Choir III Marching Band III Orchestra III Mariachi III Jazz Band III Dance III	Art IV Theater Arts IV Theatre Prod IV Tech Theatre IV Choir IV Marching Band IV Orchestra IV Mariachi IV Jazz Band IV Dance IV

PE/PE Substitutes	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
Cosmetology Majors will choose ONE PE/PE Substitute	M Band I (6821/6841) Dance I (6611) JROTC I (8441) Athletics (83xx) Foundations (8213) Spirit Groups (8151)	Marching Band II Dance II JROTC II Athletics Indiv/Team Sports (8214) Spirit Groups	Marching Band III Dance III JROTC III Athletics Aerobics (8216) PE 3 (8219) Spirit Groups	Marching Band IV Dance IV JROTC IV Athletics Spirit Groups

Spirit Groups Include- Pep Squad, Cheerleading, Drill Team

Additional Electives	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
Cosmetology Majors may choose from the following electives if schedule allows	World Geo (4214) Journalism (1718) Web Tech (7706) Bus. Info Mgmt. (7302)	Professional Communications DC or Communication Applications DC	Business Management	Entrepreneurship

Students must meet TSI requirements identified by the Alamo Colleges prior to enrollment in dual credit courses. Advanced Placement courses are available to prepare students for rigorous college coursework. All students will participate in UIL, student leadership and service opportunities while in high school.

DC – Dual Credit DE – Dual Enrollment at UT
AP – Advanced Placement Pre-AP – Pre-Advanced Placement
New Courses/Sequences



Brackenridge High School Class of 2020

Culinary Pathway – Business & Industry Endorsement



Culinary Pathway 4-Year Plan

Brackenridge HS Class of 2020 & Beyond

Four Year Plan				
PERIOD	9 TH	10 TH	11 TH	12 TH
1	English I (1214) or Pre-AP English I (1215)	English II or Pre-AP English II	AP English III or ENGL 1301/1302 DC	AP English IV or ENGL 2322/2323 DC
2	Algebra I (2214) or Pre-AP Geometry (2225)	Geometry or Pre-AP Algebra II	Algebra II or Pre-AP Pre-Calculus or DE	Pre-Calculus or AP Calculus AB/BC
3	Biology (3224) or Pre-AP Biology (3225)	Chemistry or Pre-AP Chemistry	Physics	Food Science
4	AVID (8545) or Elective	World History or Pre-AP World History AP World History	U.S. History or AP U.S. History	AP Govt / AP Eco or GOVT 2305 DC/ ECON 1301 DC
5	Spanish I (5211) or Spanish II (5214)	Spanish II or Spanish III	Practicum in Culinary Arts DC (3 cr)	Practicum in Culinary Arts II DC (3 cr)
6	Principles of Hospitality & Tourism (7426)	Culinary Arts (2 cr)		
7	PE (8213) /PE Sub./Elective			
8	Elective	Fine Arts Elective	Elective	Elective
TOTAL CREDITS	8	8	8	8

Fine Arts Electives	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
Culinary Majors will choose ONE Fine Arts elective	Art I (6411) Theater Arts I (6441) Theatre Prod (6451) Tech Theatre I (6461) Choir I (6621) M Band I (6821/6841) Orchestra I (6651) Mariachi I (6811) Jazz Band I (6651) Dance I (6611)	Art II Theater Arts II Theatre Prod II Tech Theatre II Choir II Marching Band II Orchestra II Mariachi II Jazz Band II Dance II	Art III Theater Arts III Theatre Prod III Tech Theatre III Choir III Marching Band III Orchestra III Mariachi III Jazz Band III Dance III	Art IV Theater Arts IV Theatre Prod IV Tech Theatre IV Choir IV Marching Band IV Orchestra IV Mariachi IV Jazz Band IV Dance IV

PE/PE Substitutes	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
Culinary Majors will choose ONE PE/PE Substitute	M Band I (6821/6841) Dance I (6611) JROTC I (8441) Athletics (83xx) Foundations (8213) Spirit Groups (8151)	Marching Band II Dance II JROTC II Athletics Indiv/Team Sports (8214) Spirit Groups	Marching Band III Dance III JROTC III Athletics Aerobics (8216) PE 3 (8219) Spirit Groups	Marching Band IV Dance IV JROTC IV Athletics Spirit Groups

Spirit Groups Include- Pep Squad, Cheerleading, Drill Team

Additional Electives	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
Culinary Majors may choose from the following electives if schedule allows	World Geo (4214) Journalism (1718) Web Tech (7706) Bus. Info Mgmt. (7302)	Professional Communications DC or Communication Applications DC	Business Management	Entrepreneurship

Students must meet TSI requirements identified by the Alamo Colleges prior to enrollment in dual credit courses. Advanced Placement courses are available to prepare students for rigorous college coursework. All students will participate in UIL, student leadership and service opportunities while in high school.

DC – Dual Credit DE – Dual Enrollment at UT
AP – Advanced Placement Pre-AP – Pre-Advanced Placement
New Courses/Sequences



Brackenridge High School Class of 2020

Entrepreneurship Pathway – Business & Industry Endorsement



Four Year Plan				
PERIOD	9 TH	10 TH	11 TH	12 TH
1	English I (1214) or Pre-AP English I (1215)	English II or Pre-AP English II	AP English III or ENGL 1301/1302 DC	AP English IV or ENGL 2322/2323 DC
2	Algebra I (2214) or Pre-AP Geometry (2225)	Geometry or Pre-AP Algebra II	Algebra II or Pre-AP Pre-Calculus or DE	Pre-Calculus or AP Calculus AB/BC
3	Biology (3224) or Pre-AP Biology (3225)	Chemistry or Pre-AP Chemistry	Physics	Anatomy & Physiology
4	AVID (8545) or Elective	World History or Pre-AP World History AP World History	U.S. History or AP U.S. History	AP Govt / AP Eco or GOVT 2305 DC/ ECON 1301 DC
5	Spanish I (5211) or Spanish II (5214)	Spanish II or Spanish III	Entrepreneurship (1cr) Marketing Dynamics DC (2 cr)	Marketing Dynamics I Practicum DC (3 cr)
6	Principles of Business, Marketing & Finance (7301)	Retailing & E-tailing (.5) Advertising Sales & Promotion (.5)		
7	PE (8213) /PE Sub./Elective	Fine Arts Elective		
8	Elective	Elective	Elective	Elective
TOTAL CREDITS	8	8	8	8

Entrepreneurship Pathway 4-Year Plan

Brackenridge HS Class of 2020 & Beyond

Fine Arts Electives	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
Marketing Majors will choose ONE Fine Arts elective	Art I (6411) Theater Arts I (6441) Theatre Prod (6451) Tech Theatre I (6461) Choir I (6621) M Band I (6821/6841) Orchestra I (6651) Mariachi I (6811) Jazz Band I (6651) Dance I (6611)	Art II Theater Arts II Theatre Prod II Tech Theatre II Choir II Marching Band II Orchestra II Mariachi II Jazz Band II Dance II	Art III Theater Arts III Theatre Prod III Tech Theatre III Choir III Marching Band III Orchestra III Mariachi III Jazz Band III Dance III	Art IV Theater Arts IV Theatre Prod IV Tech Theatre IV Choir IV Marching Band IV Orchestra IV Mariachi IV Jazz Band IV Dance IV

PE/PE Substitutes	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
Marketing Majors will choose ONE PE/PE Substitute	M Band I (6821/6841) Dance I (6611) JROTC I (8441) Athletics (83xx) Foundations (8213) Spirit Groups (8151)	Marching Band II Dance II JROTC II Athletics Indiv/Team Sports (8214) Spirit Groups	Marching Band III Dance III JROTC III Athletics Aerobics (8216) PE 3 (8219) Spirit Groups	Marching Band IV Dance IV JROTC IV Athletics Spirit Groups

Spirit Groups Include- Pep Squad, Cheerleading, Drill Team

Additional Electives	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
Marketing Majors may choose from the following electives if schedule allows	World Geo (4214) Journalism (1718) Web Tech (7706) Bus. Info Mgmt. (7302) Bus. Info Mgmt. I (7302)	Professional Communications DC or Communication Applications DC	Business Management	Social Media Marketing (.5) Global Business (.5) Virtual Business (.5)

Students must meet TSI requirements identified by the Alamo Colleges prior to enrollment in dual credit courses. Advanced Placement courses are available to prepare students for rigorous college coursework. All students will participate in UIL, student leadership and service opportunities while in high school.

DC – Dual Credit DE – Dual Enrollment at UT
AP – Advanced Placement Pre-AP – Pre-Advanced Placement
New Courses/Sequences



Brackenridge High School Class of 2020

Fashion Design Pathway – Business & Industry Endorsement



Four Year Plan				
PERIOD	9 TH	10 TH	11 TH	12 TH
1	English I (1214) or Pre-AP English I (1215)	English II or Pre-AP English II	AP English III or ENGL 1301/1302 DC	AP English IV or ENGL 2322/2323 DC
2	Algebra I (2214) or Pre-AP Geometry (2225)	Geometry or Pre-AP Algebra II	Algebra II or Pre-AP Pre-Calculus or DE	Pre-Calculus or AP Calculus AB/BC
3	Biology (3224) or Pre-AP Biology (3225)	Chemistry or Pre-AP Chemistry	Physics	Anatomy & Physiology
4	AVID (8545) or Elective	World History or Pre-AP World History AP World History	U.S. History or AP U.S. History	AP Govt / AP Eco or GOVT 2305 DC/ ECON 1301 DC
5	Spanish I (5211) or Spanish II (5214)	Spanish II or Spanish III	Practicum in Fashion Design (3 cr)	Practicum in Fashion Design II (3 cr)
6	Principles of Arts, Audio/Video Technology (7212)	Fashion Design		
7	PE (8213) /PE Sub./Elective	Fine Arts Elective		
8	Elective	Elective	Elective	Elective
TOTAL CREDITS	8	8	8	8

Fine Arts Electives	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
Fashion Design Majors will choose ONE Fine Arts elective	Art I (6411) Theater Arts I (6441) Theatre Prod (6451) Tech Theatre I (6461) Choir I (6621) M Band I (6821/6841) Orchestra I (6651) Mariachi I (6811) Jazz Band I (6651) Dance I (6611)	Art II Theater Arts II Theatre Prod II Tech Theatre II Choir II Marching Band II Orchestra II Mariachi II Jazz Band II Dance II	Art III Theater Arts III Theatre Prod III Tech Theatre III Choir III Marching Band III Orchestra III Mariachi III Jazz Band III Dance III	Art IV Theater Arts IV Theatre Prod IV Tech Theatre IV Choir IV Marching Band IV Orchestra IV Mariachi IV Jazz Band IV Dance IV

PE/PE Substitutes	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
Fashion Design Majors will choose ONE PE/PE Substitute	M Band I (6821/6841) Dance I (6611) JROTC I (8441) Athletics (83xx) Foundations (8213) Spirit Groups (8151)	Marching Band II Dance II JROTC II Athletics Indiv/Team Sports (8214) Spirit Groups	Marching Band III Dance III JROTC III Athletics Aerobics (8216) PE 3 (8219) Spirit Groups	Marching Band IV Dance IV JROTC IV Athletics Spirit Groups

Spirit Groups Include- Pep Squad, Cheerleading, Drill Team

Additional Electives	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
Fashion Design Majors may choose from the following electives if schedule allows	World Geo (4214) Journalism (1718) Web Tech (7706) Bus. Info Mgmt. (7302)	Professional Communications DC or Communication Applications DC	Business Management or Art II, Fibers I	Entrepreneurship or Art III, Fibers II

Students must meet TSI requirements identified by the Alamo Colleges prior to enrollment in dual credit courses. Advanced Placement courses are available to prepare students for rigorous college coursework. All students will participate in UIL, student leadership and service opportunities while in high school.

DC – Dual Credit DE – Dual Enrollment at UT
AP – Advanced Placement Pre-AP – Pre-Advanced Placement
New Courses/Sequences

Fashion Design Pathway 4-Year Plan

Brackenridge HS Class of 2020 & Beyond



Brackenridge High School Class of 2020

Graphic Design Institute – Business & Industry Endorsement



Four Year Plan				
PERIOD	9 TH	10 TH	11 TH	12 TH
1	English I (1214) or Pre-AP English I (1215)	English II or Pre-AP English II	AP English III or ENGL 1301/1302 DC	AP English IV or ENGL 2322/2323 DC
2	Algebra I (2214) or Pre-AP Geometry (2225)	Geometry or Pre-AP Algebra II	Algebra II or Pre-AP Pre-Calculus or DE	Pre-Calculus or AP Calculus AB/BC
3	Biology (3224) or Pre-AP Biology (3225)	Chemistry or Pre-AP Chemistry	Physics	Anatomy & Physiology
4	AVID (8545) or Elective	World History or Pre-AP World History AP World History	U.S. History or AP U.S. History	AP Govt / AP Eco or GOVT 2305 DC/ ECON 1301 DC
5	Spanish I (5211) or Spanish II (5214)	Spanish II or Spanish III	Advanced Printing & Imaging Technology DC (3 cr)	Printing & Imaging Practicum DC (3 cr)
6	Principles of Arts, Audio/Video Technology (7212)	Printing & Imaging Technology		
7	PE (8213) /PE Sub./Elective	Fine Arts Elective		
8	Elective	Elective	Elective	Elective
TOTAL CREDITS	8	8	8	8

Fine Arts Electives	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
Graphic Design Majors will choose ONE Fine Arts elective	Art I (6411) Theater Arts I (6441) Theatre Prod (6451) Tech Theatre (6461) Choir I (6621) Marching Band I (6821/6841) Orchestra I (6651) Mariachi I (6811) Jazz Band I (6651) Dance I (6611)	Art II Theater Arts II Choir II Marching Band II Orchestra II Mariachi II Jazz Band II Dance II	Art III Theater Arts III Choir III Marching Band III Orchestra III Mariachi III Jazz Band III Dance III	Art IV Theater Arts IV Choir IV Marching Band IV Orchestra IV Mariachi IV Jazz Band IV Dance IV

PE/PE Substitutes	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
Graphic Design Majors will choose ONE PE/PE Substitute	Marching Band I (6821/6841) Dance I (6611) JROTC I (8441) Athletics (83xx) Team Sports Individual Sports Aerobics Foundations (8213) Spirit Groups (8151)	Marching Band II Dance II JROTC II Athletics Team Sports Individual Sports Aerobics Foundations Spirit Groups	Marching Band III Dance III JROTC III Athletics Team Sports Individual Sports Aerobics Foundations Spirit Groups	Marching Band IV Dance IV JROTC IV Athletics Team Sports Individual Sports Aerobics Foundations Spirit Groups

Spirit Groups Include- Pep Squad, Cheerleading, Drill Team

Additional Electives	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
Graphic Design Majors may choose from the following electives if schedule allows	World Geography (4214) Journalism (1718) Art I - Art & Media Communication I	Professional Communications DC or Communication Applications DC	Art II - Digital Art & Media	Art III - Digital Art & Media II

Students must meet TSI requirements identified by the Alamo Colleges prior to enrollment in dual credit courses. Advanced Placement courses are available to prepare students for rigorous college coursework. All students will participate in UIL, student leadership and service opportunities while in high school.

DC – Dual Credit DE – Dual Enrollment at UT
AP – Advanced Placement Pre-AP – Pre-Advanced Placement
New Courses/Sequences

Graphic Design Institute 4-Year Plan

Brackenridge HS Class of 2020 & Beyond



Brackenridge High School Class of 2020

Media Production Institute – Business & Industry Endorsement



Media Production Institute 4-Year Plan

Brackenridge HS Class of 2020 & Beyond

Four Year Plan				
PERIOD	9 TH	10 TH	11 TH	12 TH
1	English I (1214) or Pre-AP English I (1215)	English II or Pre-AP English II	AP English III or ENGL 1301/1302 DC	AP English IV or ENGL 2322/2323 DC
2	Algebra I (2214) or Pre-AP Geometry (2225)	Geometry or Pre-AP Algebra II	Algebra II or Pre-AP Pre-Calculus or DE	Pre-Calculus or AP Calculus AB/BC
3	Biology (3224) or Pre-AP Biology (3225)	Chemistry or Pre-AP Chemistry	Physics	Anatomy & Physiology
4	AVID (8545) or Elective	World History or Pre-AP World History AP World History	U.S. History or AP U.S. History	AP Govt / AP Eco or GOVT 2305 DC/ ECON 1301 DC
5	Spanish I (5211) or Spanish II (5214)	Spanish II or Spanish III	Advanced Audio/Video Production DC (3 cr)	Audio/Video Production I Practicum DC (3 cr)
6	Principles of Arts, Audio/Video Technology (7212)	Audio/Video Production		
7	PE (8213) /PE Sub./Elective	Fine Arts Elective		
8	Elective	Elective	Elective	Video Game Design I
TOTAL CREDITS	8	8	8	8

Fine Arts Electives	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
Media Majors will choose ONE Fine Arts elective	Art I (6411) Theater Arts I (6441) Theatre Prod (6451) Tech Theatre I (6461) Choir I (6621) Marching Band I (6821/6841) Orchestra I (6651) Mariachi I (6811) Jazz Band I (6651) Dance I (6611)	Art II Theater Arts II Theatre Prod II Tech Theatre II Choir II Marching Band II Orchestra II Mariachi II Jazz Band II Dance II	Art III Theater Arts III Theatre Prod III Tech Theatre III Choir III Marching Band III Orchestra III Mariachi III Jazz Band III Dance III	Art IV Theater Arts IV Theatre Prod IV Tech Theatre IV Choir IV Marching Band IV Orchestra IV Mariachi IV Jazz Band IV Dance IV

PE/PE Substitutes	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
Media Majors will choose ONE PE/PE Substitute	M Band I (6821/6841) Dance I (6611) JROTC I (8441) Athletics (83xx) Foundations (8213) Spirit Groups (8151)	Marching Band II Dance II JROTC II Athletics Indiv/Team Sports (8214) Spirit Groups	Marching Band III Dance III JROTC III Athletics Aerobics (8216) PE 3 (8219) Spirit Groups	Marching Band IV Dance IV JROTC IV Athletics Spirit Groups

Spirit Groups Include- Pep Squad, Cheerleading, Drill Team

Additional Electives	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
Media Majors may choose from the following electives if schedule allows	World Geography (4214)	Professional Communications DC or Communication Applications DC	Business Management	Entrepreneurship

Students must meet TSI requirements identified by the Alamo Colleges prior to enrollment in dual credit courses. Advanced Placement courses are available to prepare students for rigorous college coursework. All students will participate in UIL, student leadership and service opportunities while in high school.

DC – Dual Credit DE – Dual Enrollment at UT
AP – Advanced Placement Pre-AP – Pre-Advanced Placement
New Courses/Sequences



Brackenridge High School Class of 2020

Teacher Education Pathway – Public Service Endorsement



Teacher Education Pathway 4-Year Plan

Brackenridge HS Class of 2020 & Beyond

Four Year Plan				
PERIOD	9 TH	10 TH	11 TH	12 TH
1	English I (1214) or Pre-AP English I (1215)	English II or Pre-AP English II	AP English III or ENGL 1301/1302 DC	AP English IV or ENGL 2322/2323 DC
2	Algebra I (2214) or Pre-AP Geometry (2225)	Geometry or Pre-AP Algebra II	Algebra II or Pre-AP Pre-Calculus or DE	Pre-Calculus or AP Calculus AB/BC
3	Biology (3224) or Pre-AP Biology (3225)	Chemistry or Pre-AP Chemistry	Physics	Anatomy/Physiology
4	AVID (8545) or Elective	World History or Pre-AP World History	U.S. History or AP U.S. History	AP Govt / AP Eco or GOVT 2305 DC/ ECON 1301 DC
5	Spanish I (5211) or Spanish II (5214)	Spanish II or Spanish III	Elective	Psychology/Sociology
6	Principles of Education & Training (7402)	Human Growth & Development	Instructional Practices in Education & Training (DC) (2 cr)	Education & Training I Practicum (DC) (3 cr)
7	Fine Arts Elective	Child Development		
8	PE (8213) /PE Sub./Elective	Elective		
TOTAL CREDITS	8	8	8	8

PE/PE Substitutes	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
Teacher Education Majors will choose ONE PE/PE Substitute	Marching Band I Dance I JROTC I Athletics Team Sports Individual Sports Aerobics Foundations Spirit Groups	Marching Band II Dance II JROTC II Athletics Team Sports Individual Sports Aerobics Foundations Spirit Groups	Marching Band III Dance III JROTC III Athletics Team Sports Individual Sports Aerobics Foundations Spirit Groups	Marching Band IV Dance IV JROTC IV Athletics Team Sports Individual Sports Aerobics Foundations Spirit Groups

Spirit Groups Include- Pep Squad, Cheerleading, Drill Team

Fine Arts Electives	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
Teacher Education Majors will choose ONE Fine Arts elective	Art I Theater Arts I Choir I Marching Band I Orchestra I Mariachi I Jazz Band I Dance I	Art II Theater Arts II Choir II Marching Band II Orchestra II Mariachi II Jazz Band II Dance II	Art III Theater Arts III Choir III Marching Band III Orchestra III Mariachi III Jazz Band III Dance III	Art IV Theater Arts IV Choir IV Marching Band IV Orchestra IV Mariachi IV Jazz Band IV Dance IV

Additional Electives	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
Teacher Education Majors may choose from the following electives if schedule allows	World Geo (4214) Journalism (1718) Web Tech (7706) Bus. Info Mgmt. (7302) Dig. Inter Media (7702)	Professional Communications DC or Communication Applications DC	Business Information Management I	Web Technologies

Students must meet TSI requirements identified by the Alamo Colleges prior to enrollment in dual credit courses. Advanced Placement courses are available to prepare students for rigorous college coursework. All students will participate in UIL, student leadership and service opportunities while in high school.

DC – Dual Credit DE – Dual Enrollment at UT
AP – Advanced Placement Pre-AP – Pre-Advanced Placement
New Courses/Sequences



Burbank High School Class of 2020

Animation Pathway – Business & Industry Endorsement



Four Year Plan				
PERIOD	9 TH	10 TH	11 TH	12 TH
1	English I (1214) or Pre-AP English I (1215)	English II or Pre-AP English II	AP English III or ENGL 1301/1302 DC	AP English IV or ENGL 2322/2323 DC
2	Algebra I (2214) or Pre-AP Geometry (2225)	Geometry or Pre-AP Algebra II	Algebra II or Pre-AP Pre-Calculus or DE	Pre-Calculus or AP Calculus AB/BC
3	Biology (3224) or Pre-AP Biology (3225)	Chemistry or Pre-AP Chemistry	Physics	Anatomy & Physiology
4	AVID (8545) or Elective	World History or Pre-AP World History AP World History	U.S. History or AP U.S. History	AP Govt / AP Eco or GOVT 2305 DC/ECON 1301 DC
5	Spanish I (5211) or Spanish II (5214)	Spanish II or Spanish III	Advanced Animation DC (3 cr)	Audio/Video Production I Practicum DC (3 cr)
6	Principles of Arts, Audio/Video technology (7212)	Animation		
7	PE (8213) /PE Sub./Elective	Fine Arts Elective		
8	Elective	Elective	Elective	Video Game Design I
TOTAL CREDITS	8	8	8	8

Fine Arts Electives	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
Animation Majors will choose ONE Fine Arts elective	Art I (6411) Theater Arts I (6441) Theatre Prod (6451) Tech Theatre I (6461) Choir I (6621) M Band I (6821/6841) Orchestra I (6651) Mariachi I (6811) Jazz Band I (6651) Dance I (6611)	Art II Theater Arts II Theatre Prod II Tech Theatre II Choir II Marching Band II Orchestra II Mariachi II Jazz Band II Dance II	Art III Theater Arts III Theatre Prod III Tech Theatre III Choir III Marching Band III Orchestra III Mariachi III Jazz Band III Dance III	Art IV Theater Arts IV Theatre Prod IV Tech Theatre IV Choir IV Marching Band IV Orchestra IV Mariachi IV Jazz Band IV Dance IV

PE/PE Substitutes	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
Animation Majors will choose ONE PE/PE Substitute	M Band I (6821/6841) Dance I (6611) JROTC I (8441) Athletics (83xx) Foundations (8213) Spirit Groups (8151)	Marching Band II Dance II JROTC II Athletics Indiv/Team Sports (8214) Spirit Groups	Marching Band III Dance III JROTC III Athletics Aerobics (8216) PE 3 (8219) Spirit Groups	Marching Band IV Dance IV JROTC IV Athletics Spirit Groups

Spirit Groups Include - Pep Squad, Cheerleading, Drill Team

Additional Electives	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
Animation Majors may choose from the following electives if schedule allows	World Geo (4214) Journalism (1718) Web Tech (7706) Bus. Info Mgmt. (7302) Art I, Art & Media Comm. I (6511)	Professional Communications DC or Communication Applications DC Art II, Sculpture	Art II - Digital Art & Media	Art III - Digital Art & Media II

Students must meet TSI requirements identified by the Alamo Colleges prior to enrollment in dual credit courses. Advanced Placement courses are available to prepare students for rigorous college coursework. All students will participate in UIL, student leadership and service opportunities while in high school.

DC – Dual Credit DE – Dual Enrollment at UT
AP – Advanced Placement Pre-AP – Pre-Advanced Placement
New Courses/Sequences

Animation Pathway 4-Year Plan

Burbank HS Class of 2020 & Beyond



Burbank High School Class of 2020

Business Management Pathway – Business & Industry Endorsement



Business Management Pathway 4-Year Plan

Burbank HS Class of 2020 & Beyond

Four Year Plan				
PERIOD	9 TH	10 TH	11 TH	12 TH
1	English I (1214) or Pre-AP English I (1215)	English II or Pre-AP English II	AP English III or ENGL 1301/1302 DC	AP English IV or ENGL 2322/2323 DC
2	Algebra I (2214) or Pre-AP Geometry (2225)	Geometry or Pre-AP Algebra II	Algebra II or Pre-AP Pre-Calculus or DE	Pre-Calculus or AP Calculus AB/BC
3	Biology (3224) or Pre-AP Biology (3225)	Chemistry or Pre-AP Chemistry	Physics	Anatomy & Physiology
4	AVID (8545) or Elective	World History or Pre-AP World History AP World History	U.S. History or AP U.S. History	AP Govt / AP Eco or GOVT 2305 DC/ ECON 1301 DC
5	Spanish I (5211) or Spanish II (5214)	Spanish II or Spanish III	Entrepreneurship (1 cr) Business Management (1 cr) Business Law (1 cr)	Business Management Practicum DC (3 cr)
6	Business Information Management (7302)	Global Business (.5 cr) Virtual Business (.5 cr)		
7	PE (8213) /PE Sub./Elective	Fine Arts Elective		
8	Elective	Elective	Elective	Elective
TOTAL CREDITS	8	8	8	8

Fine Arts Electives	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
Business Management Majors will choose ONE Fine Arts elective	Art I (6411) Theater Arts I (6441) Theatre Prod (6451) Tech Theatre I (6461) Choir I (6621) M Band I (6821/6841) Orchestra I (6651) Mariachi I (6811) Jazz Band I (6651) Dance I (6611)	Art II Theater Arts II Theatre Prod II Tech Theatre II Choir II Marching Band II Orchestra II Mariachi II Jazz Band II Dance II	Art III Theater Arts III Theatre Prod III Tech Theatre III Choir III Marching Band III Orchestra III Mariachi III Jazz Band III Dance III	Art IV Theater Arts IV Theatre Prod IV Tech Theatre IV Choir IV Marching Band IV Orchestra IV Mariachi IV Jazz Band IV Dance IV

PE/PE Substitutes	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
Business Management Majors will choose ONE PE/PE Substitute	M Band I (6821/6841) Dance I (6611) JROTC I (8441) Athletics (83xx) Foundations (8213) Spirit Groups (8151)	Marching Band II Dance II JROTC II Athletics Indiv/Team Sports (8214) Spirit Groups	Marching Band III Dance III JROTC III Athletics Aerobics (8216) PE 3 (8219) Spirit Groups	Marching Band IV Dance IV JROTC IV Athletics Spirit Groups

Spirit Groups Include- Pep Squad, Cheerleading, Drill Team

Additional Electives	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
Business Management Majors may choose from the following electives if schedule allows	World Geo (4214) Journalism (1718) Web Tech (7706) Bus. Info Mgmt. (7302)	Professional Communications DC or Communication Applications DC	Retailing & E-tailing (.5) & Social Media Marketing (.5)	Financial Mathematics

Students must meet TSI requirements identified by the Alamo Colleges prior to enrollment in dual credit courses. Advanced Placement courses are available to prepare students for rigorous college coursework. All students will participate in UIL, student leadership and service opportunities while in high school.

DC – Dual Credit DE – Dual Enrollment at UT
AP – Advanced Placement Pre-AP – Pre-Advanced Placement
New Courses/Sequences



Burbank High School Class of 2020

Criminal Justice Pathway – Public Service Endorsement



Criminal Justice Pathway 4-Year Plan

Burbank HS Class of 2020 & Beyond

Four Year Plan				
PERIOD	9 th	10 th	11 th	12 th
1	English I (1214) or Pre-AP English I (1215)	English II or Pre-AP English II	AP English III or ENGL 1301/1302 DC	AP English IV or ENGL 2322/2323 DC
2	Algebra I (2214) or Pre-AP Geometry (2225)	Geometry or Pre-AP Algebra II	Algebra II or Pre-AP Pre-Calculus or DE	Pre-Calculus or AP Calculus AB/BC
3	Biology (3224) or Pre-AP Biology (3225)	Chemistry or Pre-AP Chemistry	Physics	Anatomy & Physiology
4	AVID (8545) or Elective	World History or Pre-AP World History AP World History	U.S. History or AP U.S. History	AP Govt / AP Eco or GOVT 2305 DC/ECON 1301 DC
5	Spanish I (5211) or Spanish II (5214)	Spanish II or Spanish III	AP Psychology	Forensic Science
6	Principles of Law, Public Safety, Corrections & Security (7532)	Court Systems and Practices	Law Enforcement I (DC) (2 cr)	Law Enforcement II (DC) (2 cr)
7	PE (8213) /PE Sub./Elective	Fine Arts Elective		
8	Elective	Elective	Elective	Elective
TOTAL CREDITS	8	8	8	8

PE/PE Substitutes	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
Criminal Justice Majors will choose ONE PE/PE Substitute	M Band I (6821/6841) Dance I (6611) JROTC I (8441) Athletics (83xx) Foundations (8213) Spirit Groups (8151)	Marching Band II Dance II JROTC II Athletics Indiv/Team Sports (8214) Spirit Groups	Marching Band III Dance III JROTC III Athletics Aerobics (8216) PE 3 (8219) Spirit Groups	Marching Band IV Dance IV JROTC IV Athletics Spirit Groups
Fine Arts Electives	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
Criminal Justice Majors will choose ONE Fine Arts elective	Art I (6411) Theater Arts I (6441) Theatre Prod (6451) Tech Theatre I (6461) Choir I (6621) M Band I (6821/6841) Orchestra I (6651) Mariachi I (6811) Jazz Band I (6651) Dance I (6611)	Art II Theater Arts II Theatre Prod II Tech Theatre II Choir II Marching Band II Orchestra II Mariachi II Jazz Band II Dance II	Art III Theater Arts III Theatre Prod III Tech Theatre III Choir III Marching Band III Orchestra III Mariachi III Jazz Band III Dance III	Art IV Theater Arts IV Theatre Prod IV Tech Theatre IV Choir IV Marching Band IV Orchestra IV Mariachi IV Jazz Band IV Dance IV

Spirit Groups Include - Pep Squad, Cheerleading, Drill Team

Additional Electives	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
Criminal Justice Majors may choose from the following electives if schedule allows	World Geo (4214) Journalism (1718) Web Tech (7706) Bus. Info Mgmt. (7302)	Professional Communications DC or Communication Applications DC	Legal Research & Writing	Emergency Medical Technician – Basic

Students must meet TSI requirements identified by the Alamo Colleges prior to enrollment in dual credit courses. Advanced Placement courses are available to prepare students for rigorous college coursework. All students will participate in UIL, student leadership and service opportunities while in high school.

DC – Dual Credit DE – Dual Enrollment at UT
AP – Advanced Placement Pre-AP – Pre-Advanced Placement
New Courses/Sequences



Burbank High School Class of 2020

Computer Science Pathway – STEM Endorsement



Four Year Plan				
PERIOD	9 TH	10 TH	11 TH	12 TH
1	English I (1214) or Pre-AP English I (1215)	English II or Pre-AP English II	AP English III or ENGL 1301/1302 DC	AP English IV or ENGL 2322/2323 DC
2	Algebra I (2214) or Pre-AP Geometry (2225)	Geometry or Pre-AP Algebra II	Algebra II or Pre-AP Pre-Calculus or DE	Pre-Calculus or AP Calculus AB/BC
3	Biology (3224) or Pre-AP Biology (3225)	Chemistry or Pre-AP Chemistry	Physics	Forensic Science
4	AVID (8545) or Elective	World History or Pre-AP World History	U.S. History or AP U.S. History	AP Govt / AP Eco or GOVT 2305 DC/ ECON 1301 DC
5	Spanish I (5211) or Spanish II (5214)	Spanish II or Spanish III	AP Psychology/ AP Sociology	Artificial Intelligence (.5) PLTW Cybersecurity (.5) PLTW
6	PE (8213) /PE Sub./Elective	Fine Arts Elective	Digital & Interactive Media	Computational Problem Solving PLTW Robotics & Automation (2)
7	Intro Computer Science (.5) PLTW Modern Physics (.5)	Computer Science & Software Engineering PLTW	Computer Science Applications PLTW	
8	Elective	Elective	Elective	Elective
TOTAL CREDITS	8	8	8	8

PE/PE Substitutes	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
Computer Science Majors will choose ONE PE/PE Substitute	M Band I (6821/6841) Dance I (6611) JROTC I (8441) Athletics (83xx) Foundations (8213) Spirit Groups (8151)	Marching Band II Dance II JROTC II Athletics Indiv/Team Sports (8214) Spirit Groups	Marching Band III Dance III JROTC III Athletics Aerobics (8216) PE 3 (8219) Spirit Groups	Marching Band IV Dance IV JROTC IV Athletics Spirit Groups

Fine Arts Electives	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
Computer Science Majors will choose ONE Fine Arts elective	Art I (6411) Theater Arts I (6441) Theatre Prod (6451) Tech Theatre I (6461) Choir I (6621) M Band I (6821/6841) Orchestra I (6651) Mariachi I (6811) Jazz Band I (6651) Dance I (6611)	Art II Theater Arts II Theatre Prod II Tech Theatre II Choir II Marching Band II Orchestra II Mariachi II Jazz Band II Dance II	Art III Theater Arts III Theatre Prod III Tech Theatre III Choir III Marching Band III Orchestra III Mariachi III Jazz Band III Dance III	Art IV Theater Arts IV Theatre Prod IV Tech Theatre IV Choir IV Marching Band IV Orchestra IV Mariachi IV Jazz Band IV Dance IV

Spirit Groups Include- Pep Squad, Cheerleading, Drill Team

Additional Electives	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
Computer Science Majors may choose from the following electives if schedule allows	World Geo (4214) Journalism (1718) Web Tech (7706) Bus. Info Mgmt. (7302)	Professional Communications DC or Communication Applications DC	Scientific Research & Design	Simulation & Modeling (.5) (PLTW)

Students must meet TSI requirements identified by the Alamo Colleges prior to enrollment in dual credit courses. Advanced Placement courses are available to prepare students for rigorous college coursework. All students will participate in UIL, student leadership and service opportunities while in high school.

DC – Dual Credit DE – Dual Enrollment at UT
AP – Advanced Placement Pre-AP – Pre-Advanced Placement
New Courses/Sequences

Computer Science Pathway 4-Year Plan

Burbank HS Class of 2020 & Beyond



Burbank High School Class of 2020

Cosmetology Pathway – Public Service Endorsement



Four Year Plan				
Period	9 TH	10 TH	11 TH	12 TH
1	English I (1214) or Pre-AP English I (1215)	English II or Pre-AP English II	AP English III or ENGL 1301/1302 DC	AP English IV or ENGL 2322/2323 DC
2	Algebra I (2214) or Pre-AP Geometry (2225)	Geometry or Pre-AP Algebra II	Algebra II or Pre-AP Pre-Calculus or DE	Pre-Calculus or AP Calculus AB/BC
3	Biology (3224) or Pre-AP Biology (3225)	Chemistry or Pre-AP Chemistry	Physics	Anatomy & Physiology
4	AVID (8545) or Elective	World History or Pre-AP World History AP World History	U.S. History or AP U.S. History	AP Govt / AP Eco or GOVT 2305 DC/ ECON 1301 DC
5	Spanish I (5211) or Spanish II (5214)	Spanish II or Spanish III	Cosmetology II DC (3 cr)	Practicum in Human Services DC (3 cr)
6	Introduction to Cosmetology (7474)	Cosmetology I (2 cr)		
7	PE (8213) /PE Sub./Elective			
8	Elective	Fine Arts Elective	Elective	Elective
TOTAL CREDITS	8	8	8	8

Cosmetology Pathway 4-Year Plan

Burbank HS Class of 2020 & Beyond

PE/PE Substitutes	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
Cosmetology Majors will choose ONE PE/PE Substitute	M Band I (6821/6841) Dance I (6611) JROTC I (8441) Athletics (83xx) Foundations (8213) Spirit Groups (8151)	Marching Band II Dance II JROTC II Athletics Indiv/Team Sports (8214) Spirit Groups	Marching Band III Dance III JROTC III Athletics Aerobics (8216) PE 3 (8219) Spirit Groups	Marching Band IV Dance IV JROTC IV Athletics Spirit Groups
Fine Arts Electives	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
Cosmetology Majors will choose ONE Fine Arts elective	Art I (6411) Theater Arts I (6441) Theatre Prod (6451) Tech Theatre I (6461) Choir I (6621) M Band I (6821/6841) Orchestra I (6651) Mariachi I (6811) Jazz Band I (6651) Dance I (6611)	Art II Theater Arts II Theatre Prod II Tech Theatre II Choir II Marching Band II Orchestra II Mariachi II Jazz Band II Dance II	Art III Theater Arts III Theatre Prod III Tech Theatre III Choir III Marching Band III Orchestra III Mariachi III Jazz Band III Dance III	Art IV Theater Arts IV Theatre Prod IV Tech Theatre IV Choir IV Marching Band IV Orchestra IV Mariachi IV Jazz Band IV Dance IV

Spirit Groups Include - Pep Squad, Cheerleading, Drill Team

Additional Electives	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
Cosmetology Majors may choose from the following electives if schedule allows	World Geo (4214) Journalism (1718) Web Tech (7706) Bus. Info Mgmt. (7302)	Professional Communications DC or Communication Applications DC	Business Management	Entrepreneurship

Students must meet TSI requirements identified by the Alamo Colleges prior to enrollment in dual credit courses. Advanced Placement courses are available to prepare students for rigorous college coursework. All students will participate in UIL, student leadership and service opportunities while in high school.

DC – Dual Credit DE – Dual Enrollment at UT
AP – Advanced Placement Pre-AP – Pre-Advanced Placement
New Courses/Sequences



Burbank High School Class of 2020

Culinary Pathway – Business & Industry Endorsement



Culinary Pathway 4-Year Plan

Burbank HS Class of 2020 & Beyond

Four Year Plan				
PERIOD	9 TH	10 TH	11 TH	12 TH
1	English I (1214) or Pre-AP English I (1215)	English II or Pre-AP English II	AP English III or ENGL 1301/1302 DC	AP English IV or ENGL 2322/2323 DC
2	Algebra I (2214) or Pre-AP Geometry (2225)	Geometry or Pre-AP Algebra II	Algebra II or Pre-AP Pre-Calculus or DE	Pre-Calculus or AP Calculus AB/BC
3	Biology (3224) or Pre-AP Biology (3225)	Chemistry or Pre-AP Chemistry	Physics	Food Science
4	AVID (8545) or Elective	World History or Pre-AP World History AP World History	U.S. History or AP U.S. History	AP Govt / AP Eco or GOVT 2305 DC/ECON 1301 DC
5	Spanish I (5211) or Spanish II (5214)	Spanish II or Spanish III	Practicum in Culinary Arts DC (3 cr)	Practicum in Culinary Arts II DC (3 cr)
6	Principles of Hospitality & Tourism (7426)	Culinary Arts (2 cr)		
7	PE (8213) /PE Sub./Elective			
8	Elective	Fine Arts Elective	Elective	Elective
TOTAL CREDITS	8	8	8	8

PE/PE Substitutes	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
Culinary Majors will choose ONE PE/PE Substitute	M Band I (6821/6841) Dance I (6611) JROTC I (8441) Athletics (83xx) Foundations (8213) Spirit Groups (8151)	Marching Band II Dance II JROTC II Athletics Indiv/Team Sports (8214) Spirit Groups	Marching Band III Dance III JROTC III Athletics Aerobics (8216) PE 3 (8219) Spirit Groups	Marching Band IV Dance IV JROTC IV Athletics Spirit Groups

Fine Arts Electives	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
Culinary Majors will choose ONE Fine Arts elective	Art I (6411) Theater Arts I (6441) Theatre Prod (6451) Tech Theatre I (6461) Choir I (6621) M Band I (6821/6841) Orchestra I (6651) Mariachi I (6811) Jazz Band I (6651) Dance I (6611)	Art II Theater Arts II Theatre Prod II Tech Theatre II Choir II Marching Band II Orchestra II Mariachi II Jazz Band II Dance II	Art III Theater Arts III Theatre Prod III Tech Theatre III Choir III Marching Band III Orchestra III Mariachi III Jazz Band III Dance III	Art IV Theater Arts IV Theatre Prod IV Tech Theatre IV Choir IV Marching Band IV Orchestra IV Mariachi IV Jazz Band IV Dance IV

Spirit Groups Include- Pep Squad, Cheerleading, Drill Team

Additional Electives	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
Culinary Majors may choose from the following electives if schedule allows	World Geo (4214) Journalism (1718) Web Tech (7706) Bus. Info Mgmt. (7302)	Professional Communications DC or Communication Applications DC	Business Management	Entrepreneurship

Students must meet TSI requirements identified by the Alamo Colleges prior to enrollment in dual credit courses. Advanced Placement courses are available to prepare students for rigorous college coursework. All students will participate in UIL, student leadership and service opportunities while in high school.

DC – Dual Credit DE – Dual Enrollment at UT
AP – Advanced Placement Pre-AP – Pre-Advanced Placement
New Courses/Sequences



Burbank High School Class of 2020

Design & Fabrication Pathway – Business & Industry Endorsement



Four Year Plan				
PERIOD	9 TH	10 TH	11 TH	12 TH
1	English I (1214) or Pre-AP English I (1215)	English II or Pre-AP English II	AP English III or ENGL 1301/1302 DC	AP English IV or ENGL 2322/2323 DC
2	Algebra I (2214) or Pre-AP Geometry (2225)	Geometry or Pre-AP Algebra II	Algebra II or Pre-AP Pre-Calculus or DE	Pre-Calculus or AP Calculus AB/BC
3	Biology (3224) or Pre-AP Biology (3225)	Chemistry or Pre-AP Chemistry	Physics	Scientific Research & Design
4	AVID (8545) or Elective	World History or Pre-AP World History AP World History	U.S. History or AP U.S. History	AP Govt / AP Eco or GOVT 2305 DC/ ECON 1301 DC
5	Spanish I (5211) or Spanish II (5214)	Spanish II or Spanish III	Elective	Elective
6	Principles of Agriculture, Food & Natural Resources (7033)	Agriculture Mechanics & Metal technologies	Agriculture Facilities, Design & Fabrication (2 cr) Agriculture Power Systems (1 cr)	Practicum in Agriculture, Food & Natural Resources (DC) (3 cr)
7	PE (8213)/PE Sub./Elective	Fine Arts Elective		
8	Elective	Elective		
TOTAL CREDITS	8	8	8	8

Fine Arts Electives	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
Design & Fabrication Majors will choose ONE Fine Arts elective	Art I (6411) Theater Arts I (6441) Theatre Prod (6451) Tech Theatre I (6461) Choir I (6621) M Band I (6821/6841) Orchestra I (6651) Mariachi I (6811) Jazz Band I (6651) Dance I (6611)	Art II Theater Arts II Theatre Prod II Tech Theatre II Choir II Marching Band II Orchestra II Mariachi II Jazz Band II Dance II	Art III Theater Arts III Theatre Prod III Tech Theatre III Choir III Marching Band III Orchestra III Mariachi III Jazz Band III Dance III	Art IV Theater Arts IV Theatre Prod IV Tech Theatre IV Choir IV Marching Band IV Orchestra IV Mariachi IV Jazz Band IV Dance IV

PE/PE Substitutes	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
Design & Fabrication Majors will choose ONE PE/PE Substitute	M Band I (6821/6841) Dance I (6611) JROTC I (8441) Athletics (83xx) Foundations (8213) Spirit Groups (8151)	Marching Band II Dance II JROTC II Athletics Indiv/Team Sports (8214) Spirit Groups	Marching Band III Dance III JROTC III Athletics Aerobics (8216) PE 3 (8219) Spirit Groups	Marching Band IV Dance IV JROTC IV Athletics Spirit Groups

Spirit Groups Include - Pep Squad, Cheerleading, Drill Team

Additional Electives	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
Design & Fabrication Majors may choose from the following electives if schedule allows	World Geo (4214) Journalism (1718) Web Tech (7706) Bus. Info Mgmt. (7302)	Professional Communications DC or Communication Applications DC	Business Management	Entrepreneurship

Students must meet TSI requirements identified by the Alamo Colleges prior to enrollment in dual credit courses. Advanced Placement courses are available to prepare students for rigorous college coursework. All students will participate in UIL, student leadership and service opportunities while in high school.

DC – Dual Credit DE – Dual Enrollment at UT
AP – Advanced Placement Pre-AP – Pre-Advanced Placement
New Courses/Sequences

Design & Fabrication Pathway 4-Year Plan

Burbank HS Class of 2020 & Beyond



Burbank High School Class of 2020

International Baccalaureate Programme – Multidisciplinary Endorsement

International Baccalaureate Programme 4-Year Plan Burbank HS Class of 2020 &

Four Year Plan				
Period	9 TH	10 TH	11 TH	12 TH
1	Pre-IB English I (1217) or Humanities	Pre-IB English II	IB English A1 (English III) Part I	IB English A1 (English IV) Part II
2	Pre-IB Geometry (2217) or Pre-IB Algebra II (2236)	Pre-IB Algebra II or Pre-Calculus	IB Math Studies (Yr 1) or IB Math, SL Yr 1 (AP Calculus)	IB Math Studies (Yr 2) or IB Math, SL Yr 2
3	Pre-IB Chemistry (3246)	Pre-IB Physics	IB Biology (Yr 1)	IB Biology (Yr 2)
4	Pre-IB Geography (4217)	AP World History	IB History of the Americas (U.S. History, Yr 1)	IB History of the Americas (Yr 2)
5	Spanish I, II, III (5211, 5214, 5217) or AP Language IV (5221) or V (5222)	Spanish II, III, IV or AP Language VI or AP Literature	IB Spanish B (Yr 1)	IB Spanish B (Yr 2)
6	Academic Mentoring (8712) (LC)	Academic Mentoring (LC)	IB Visual Arts (B or A, Yr 1) or IB Music SL (Yr 1) or IB Theory of Knowledge (ToK)	IB Visual Arts (B or A, Yr 2) or IB Music SL (Yr 2) or IB Theory of Knowledge (ToK)
7	PE (8213) /PE Sub./Elective	PE/PE Sub./Elective	PE/PE Sub./Elective	PE/PE Sub./Elective
8	Health (8211)/ Communication Applications (1560)	U.S. Government	Independent Studies in English	Research & Technical Writing/ Economics
TOTAL CREDITS	8	8	8	8

IB – International Baccalaureate HL – Higher Level SL – Standard Level AP – Advanced Placement LC – Local Credit ToK – Theory of Knowledge

Knowledge

Fine Arts Electives	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
IB Majors will choose ONE Fine Arts elective	Art I (6411) Theater Arts I (6441) Theatre Prod (6451) tech Theatre I (6461) Choir I (6621) M Band I (6821/6841) Orchestra I (6651) Mariachi I (6811) Jazz Band I (6651) Dance I (6611)	Art II Theater Arts II Theatre Prod II tech Theatre II Choir II Marching Band II Orchestra II Mariachi II Jazz Band II Dance II	Art III Theater Arts III Theatre Prod III tech Theatre III Choir III Marching Band III Orchestra III Mariachi III Jazz Band III Dance III	Art IV Theater Arts IV Theatre Prod IV tech Theatre IV Choir IV Marching Band IV Orchestra IV Mariachi IV Jazz Band IV Dance IV

PE/PE Substitutes	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
IB Majors will choose ONE PE/PE Substitute	M Band I (6821/6841) Dance I (6611) JROTC I (8441) Athletics (83xx) Foundations (8213) Spirit Groups (8151)	Marching Band II Dance II JROTC II Athletics Indiv/Team Sports (8214) Spirit Groups	Marching Band III Dance III JROTC III Athletics Aerobics (8216) PE 3 (8219) Spirit Groups	Marching Band IV Dance IV JROTC IV Athletics Spirit Groups

Spirit Groups Include- Pep Squad, Cheerleading, Drill Team

Students must meet TSI requirements identified by the Alamo Colleges prior to enrollment in dual credit courses. Advanced Placement courses are available to prepare students for rigorous college coursework. All students will participate in UIL, student leadership and service opportunities while in high school.

IB – International Baccalaureate HL – Higher Level
SL – Standard Level AP – Advanced Placement
LC – Local Credit ToK – Theory of Knowledge



Burbank High School Class of 2020

Plant Science Pathway – Business & Industry Endorsement



Plant Science Pathway 4-Year Plan

Burbank HS Class of 2020 & Beyond

Four Year Plan				
PERIOD	9 TH	10 TH	11 TH	12 TH
1	English I (1214) or Pre-AP English I (1215)	English II or Pre-AP English II	AP English III or ENGL 1301/1302 DC	AP English IV or ENGL 2322/2323 DC
2	Algebra I (2214) or Pre-AP Geometry (2225)	Geometry or Pre-AP Algebra II	Algebra II or Pre-AP Pre-Calculus or DE	Pre-Calculus or AP Calculus AB/BC
3	Biology (3224) or Pre-AP Biology (3225)	Chemistry or Pre-AP Chemistry	AP Physics or PHYS 2425 DC	Advanced Plant & Soil Science
4	AVID (8545) or Elective	World History or Pre-AP World History	U.S. History or AP U.S. History	AP Govt / AP Eco or GOVT 2305 DC/ECON 1301 DC
5	Spanish I (5211) or Spanish II (5214)	Spanish II or Spanish III	Elective	Elective
6	Principles of Agriculture, Food & Natural Resources (7033)	Horticulture Science	Organic Sustainable Food Production (2 cr) Floral Design (1 cr)	Practicum in Food & Natural Resources DC (3 cr)
7	PE/PE (8213) Sub./Elective	Fine Arts Elective		
8	Elective	Elective		
TOTAL CREDITS	8	8	8	8

PE/PE Substitutes	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
Plant Science Majors will choose ONE PE/PE Substitute	M Band I (6821/6841) Dance I (6611) JROTC I (8441) Athletics (83xx) Foundations (8213) Spirit Groups (8151)	Marching Band II Dance II JROTC II Athletics Indiv/Team Sports (8214) Spirit Groups	Marching Band III Dance III JROTC III Athletics Aerobics (8216) PE 3 (8219) Spirit Groups	Marching Band IV Dance IV JROTC IV Athletics Spirit Groups
Fine Arts Electives	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
Plant Science Majors will choose ONE Fine Arts elective	Art I (6411) Theater Arts I (6441) Theatre Prod (6451) Tech Theatre I (6461) Choir I (6621) M Band I (6821/6841) Orchestra I (6651) Mariachi I (6811) Jazz Band I (6651) Dance I (6611)	Art II Theater Arts II Theatre Prod II Tech Theatre II Choir II Marching Band II Orchestra II Mariachi II Jazz Band II Dance II	Art III Theater Arts III Theatre Prod III Tech Theatre III Choir III Marching Band III Orchestra III Mariachi III Jazz Band III Dance III	Art IV Theater Arts IV Theatre Prod IV Tech Theatre IV Choir IV Marching Band IV Orchestra IV Mariachi IV Jazz Band IV Dance IV

Spirit Groups Include - Pep Squad, Cheerleading, Drill Team

Additional Electives	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
Plant Science Majors will choose from the following electives if schedule allows	World Geo (4214)	Professional Communications DC or Communication Applications DC	Business Management	Entrepreneurship

Students must meet TSI requirements identified by the Alamo Colleges prior to enrollment in dual credit courses. Advanced Placement courses are available to prepare students for rigorous college coursework. All students will participate in UIL, student leadership and service opportunities while in high school.

DC – Dual Credit DE – Dual Enrollment at UT
AP – Advanced Placement Pre-AP – Pre-Advanced Placement
New Courses/Sequences



Burbank High School Class of 2020

Veterinary Technician Pathway – Business & Industry Endorsement



Veterinary Technician Pathway 4-Year Plan

Burbank HS Class of 2020 & Beyond

Four Year Plan				
PERIOD	9 TH	10 TH	11 TH	12 TH
1	English I (1214) or Pre-AP English I (1215)	English II or Pre-AP English II	AP English III or ENGL 1301/1302 DC	AP English IV or ENGL 2322/2323 DC
2	Algebra I (2214) or Pre-AP Geometry (2225)	Geometry or Pre-AP Algebra II	Algebra II or Pre-AP Pre-Calculus or DE	Pre-Calculus or AP Calculus AB/BC
3	Biology (3224) or Pre-AP Biology (3225)	Chemistry or Pre-AP Chemistry	Physics	Anatomy & Physiology DC
4	AVID (8545) or Elective	World History or Pre-AP World History AP World History	U.S. History or AP U.S. History	AP Govt / AP Eco or GOVT 2305 DC/ECON 1301 DC
5	Spanish I (5211) or Spanish II (5214)	Spanish II or Spanish III	AP Psychology	Forensic Science
6	Principles of Agriculture, Food & Natural Resources (7033)	Small Animal Management	Veterinary Medical Applications (1cr) Advanced Animal Science (1 cr)	Practicum in Agriculture, Food & Natural Resources (DC) (3 cr)
7	PE (8213) /PE Sub./Elective	Fine Arts Elective		
8	Elective	Elective		
TOTAL CREDITS	8	8	8	8

PE/PE Substitutes	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
Vet Tech Majors will choose ONE PE/PE Substitute	M Band I (6821/6841) Dance I (6611) JROTC I (8441) Athletics (83xx) Foundations (8213) Spirit Groups (8151)	Marching Band II Dance II JROTC II Athletics Indivi/Team Sports (8214) Spirit Groups	Marching Band III Dance III JROTC III Athletics Aerobics (8216) PE 3 (8219) Spirit Groups	Marching Band IV Dance IV JROTC IV Athletics Spirit Groups
Fine Arts Electives	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
Vet Tech Majors will choose ONE Fine Arts elective	Art I (6411) Theater Arts I (6441) Theatre Prod (6451) Tech Theatre I (6461) Choir I (6621) M Band I (6821/6841) Orchestra I (6651) Mariachi I (6811) Jazz Band I (6651) Dance I (6611)	Art II Theater Arts II Theatre Prod II Tech Theatre II Choir II Marching Band II Orchestra II Mariachi II Jazz Band II Dance II	Art III Theater Arts III Theatre Prod III Tech Theatre III Choir III Marching Band III Orchestra III Mariachi III Jazz Band III Dance III	Art IV Theater Arts IV Theatre Prod IV Tech Theatre IV Choir IV Marching Band IV Orchestra IV Mariachi IV Jazz Band IV Dance IV

Spirit Groups Include - Pep Squad, Cheerleading, Drill Team

Additional Electives	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
Vet Tech Majors may choose from the following electives if schedule allows	World Geo (4214)	Professional Communications DC or Communication Applications DC	Business Management	Entrepreneurship

Students must meet TSI requirements identified by the Alamo Colleges prior to enrollment in dual credit courses. Advanced Placement courses are available to prepare students for rigorous college coursework. All students will participate in UIL, student leadership and service opportunities while in high school.

DC – Dual Credit DE – Dual Enrollment at UT
AP – Advanced Placement Pre-AP – Pre-Advanced Placement
New Courses/Sequences



Edison High School Class of 2020

Criminal Justice Pathway – Public Service Endorsement



Criminal Justice Pathway 4-Year Plan

Edison HS Class of 2020 & Beyond

Four Year Plan				
PERIOD	9 TH	10 TH	11 TH	12 TH
1	English I (1214) or Pre-AP English I (1215)	English II or Pre-AP English II	AP English III or ENGL 1301/1302 DC	AP English IV or ENGL 2322/2323 DC
2	Algebra I (2214) or Pre-AP Geometry (2225)	Geometry or Pre-AP Algebra II	Algebra II or Pre-AP Pre-Calculus or DE	Pre-Calculus or AP Calculus AB/BC
3	Biology (3224) or Pre-AP Biology (3225)	Chemistry or Pre-AP Chemistry	Physics	Anatomy & Physiology
4	AVID (8545) or Elective	World History or Pre-AP World History AP World History	U.S. History or AP U.S. History	AP Govt / AP Eco or GOVT 2305 DC/ECON 1301 DC
5	Spanish I (5211) or Spanish II (5214)	Spanish II or Spanish III	AP Psychology	Forensic Science
6	Principles of Law, Public Safety, Corrections & Security (7532)	Court Systems and Practices	Law Enforcement I (DC) (2 cr)	Law Enforcement II (DC) (2 cr)
7	PE (8213) /PE Sub./Elective	Fine Arts Elective		
8	Elective	Elective	Elective	Elective
TOTAL CREDITS	8	8	8	8

PE/PE Substitutes	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
Criminal Justice Majors will choose ONE PE/PE Substitute	M Band I (6821/6841) Dance I (6611) JROTC I (8441) Athletics (83xx) Foundations (8213) Spirit Groups (8151)	Marching Band II Dance II JROTC II Athletics Indiv/Team Sports (8214) Spirit Groups	Marching Band III Dance III JROTC III Athletics Aerobics (8216) PE 3 (8219) Spirit Groups	Marching Band IV Dance IV JROTC IV Athletics Spirit Groups
Fine Arts Electives	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
Criminal Justice Majors will choose ONE Fine Arts elective	Art I (6411) Theater Arts I (6441) Theatre Prod (6451) Tech Theatre I (6461) Choir I (6621) M Band I (6821/6841) Orchestra I (6651) Mariachi I (6811) Jazz Band I (6651) Dance I (6611)	Art II Theater Arts II Theatre Prod II Tech Theatre II Choir II Marching Band II Orchestra II Mariachi II Jazz Band II Dance II	Art III Theater Arts III Theatre Prod III Tech Theatre III Choir III Marching Band III Orchestra III Mariachi III Jazz Band III Dance III	Art IV Theater Arts IV Theatre Prod IV Tech Theatre IV Choir IV Marching Band IV Orchestra IV Mariachi IV Jazz Band IV Dance IV

Spirit Groups Include- Pep Squad, Cheerleading, Drill Team

Additional Electives	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
Criminal Justice Majors may choose from the following electives if schedule allows	World Geo (4214) Journalism (1718) Web Tech (7706) Bus. Info Mgmt. (7302)	Professional Communications DC or Communication Applications DC	Legal Research & Writing	Emergency Medical Technician – Basic

Students must meet TSI requirements identified by the Alamo Colleges prior to enrollment in dual credit courses. Advanced Placement courses are available to prepare students for rigorous college coursework. All students will participate in UIL, student leadership and service opportunities while in high school.

DC – Dual Credit DE – Dual Enrollment at UT
AP – Advanced Placement Pre-AP – Pre-Advanced Placement
New Courses/Sequences



Edison High School Class of 2020

Computer Science Pathway – STEM Endorsement



Computer Science Pathway 4-Year Plan

Edison HS Class of 2020 & Beyond

Four Year Plan				
PERIOD	9 TH	10 TH	11 TH	12 TH
1	English I (1214) or Pre-AP English I (1215)	English II or Pre-AP English II	AP English III or ENGL 1301/1302 DC	AP English IV or ENGL 2322/2323 DC
2	Algebra I (2214) or Pre-AP Geometry (2225)	Geometry or Pre-AP Algebra II	Algebra II or Pre-AP Pre-Calculus or DE	Pre-Calculus or AP Calculus AB/BC
3	Biology (3224) or Pre-AP Biology (3225)	Chemistry or Pre-AP Chemistry	AP Physics or PHYS 2425	Forensic Science
4	AVID (8545) or Elective	World History or Pre-AP World History	U.S. History or AP U.S. History	AP Govt / AP Eco or GOVT 2305 DC/ECON 1301 DC
5	Spanish I (5211) or Spanish II (5214)	Spanish II or Spanish III	AP Psychology/AP Sociology	Artificial Intelligence (.5) PLTW Cybersecurity (.5) PLTW
6	PE (8213) /PE Sub./Elective	Fine Arts Elective	Digital & Interactive Media	Computational Problem Solving PLTW Robotics & Automation (2)
7	Intro Computer Science (.5) PLTW Modern Physics (.5)	Computer Science & Software Engineering PLTW	Computer Science Applications PLTW	
8	Elective	Elective	Elective	Elective
TOTAL CREDITS	8	8	8	8

Fine Arts Electives	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
Computer Science Majors will choose ONE Fine Arts elective	Art I (6411) Theater Arts I (6441) Theatre Prod (6451) Tech Theatre I (6461) Choir I (6621) M Band I (6821/6841) Orchestra I (6651) Mariachi I (6811) Jazz Band I (6651) Dance I (6611)	Art II Theater Arts II Theatre Prod II Tech Theatre II Choir II Marching Band II Orchestra II Mariachi II Jazz Band II Dance II	Art III Theater Arts III Theatre Prod III Tech Theatre III Choir III Marching Band III Orchestra III Mariachi III Jazz Band III Dance III	Art IV Theater Arts IV Theatre Prod IV Tech Theatre IV Choir IV Marching Band IV Orchestra IV Mariachi IV Jazz Band IV Dance IV
PE/PE Substitutes	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
Computer Science Majors will choose ONE PE/PE Substitute	M Band I (6821/6841) Dance I (6611) JROTC I (8441) Athletics (83xx) Foundations (8213) Spirit Groups (8151)	Marching Band II Dance II JROTC II Athletics Indiv/Team Sports (8214) Spirit Groups	Marching Band III Dance III JROTC III Athletics Aerobics (8216) PE 3 (8219) Spirit Groups	Marching Band IV Dance IV JROTC IV Athletics Spirit Groups

Spirit Groups Include- Pep Squad, Cheerleading, Drill Team

Additional Electives	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
Computer Science Majors may choose from the following electives if schedule allows	World Geo (4214) Journalism (1718) Web Tech (7706) Bus. Info Mgmt. (7302)	Professional Communications DC or Communication Applications DC	Scientific Research & Design	Simulation & Modeling (.5) (PLTW)

Students must meet TSI requirements identified by the Alamo Colleges prior to enrollment in dual credit courses. Advanced Placement courses are available to prepare students for rigorous college coursework. All students will participate in UIL, student leadership and service opportunities while in high school.

DC – Dual Credit DE – Dual Enrollment at UT
AP – Advanced Placement Pre-AP – Pre-Advanced
Placement New Courses/Sequences



Edison High School Class of 2020

Fire Science Pathway – Public Service Endorsement



Four Year Plan				
PERIOD	9 TH	10 TH	11 TH	12 TH
1	English I (1214) or Pre-AP English I (1215)	English II or Pre-AP English II	AP English III or ENGL 1301/1302 DC	AP English IV or ENGL 2322/2323 DC
2	Algebra I (2214) or Pre-AP Geometry (2225)	Geometry or Pre-AP Algebra II	Algebra II or Pre-AP Pre-Calculus or DE	Pre-Calculus or AP Calculus AB/BC
3	Biology (3224) or Pre-AP Biology (3225)	Chemistry or Pre-AP Chemistry	Physics	Anatomy & Physiology DC
4	AVID (8545) or Elective	World History or Pre-AP World History	U.S. History or AP U.S. History	AP Govt / AP Eco or GOVT 2305 DC/ECON 1301 DC
5	Spanish I (5211) or Spanish II (5214)	Spanish II or Spanish III	Travel to SAC Fire Academy	Travel to SAC Fire Academy
6	Principles of Law, Public Safety, Corrections & Security (7532)	Forensic Science	Firefighter I & Fire Practicum (3 cr) FIRS 1301 DC FIRS 1319 DC FIRS 1407 DC FIRS 1429 DC	Firefighter II (3 cr) FIRS 1423 DC FIRS 1413 DC FIRS 1433 DC FIRS 1103 DC
7	Fine Arts Elective	Medical Term (.5) Disaster Response (.5)		
8	PE (8213) /PE Sub./Elective	Elective		
TOTAL CREDITS	8	8	7	7

Fire Science Pathway 4-Year Plan

Fine Arts Electives	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
Fire Science Majors will choose ONE Fine Arts elective	Art I (6411) Theater Arts I (6441) Theatre Prod (6451) Tech Theatre I (6461) Choir I (6621) M Band I (6821/6841) Orchestra I (6651) Mariachi I (6811) Jazz Band I (6651) Dance I (6611)	Art II Theater Arts II Theatre Prod II Tech Theatre II Choir II Marching Band II Orchestra II Mariachi II Jazz Band II Dance II	Art III Theater Arts III Theatre Prod III Tech Theatre III Choir III Marching Band III Orchestra III Mariachi III Jazz Band III Dance III	Art IV Theater Arts IV Theatre Prod IV Tech Theatre IV Choir IV Marching Band IV Orchestra IV Mariachi IV Jazz Band IV Dance IV
PE/PE Substitutes	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
Fire Science Majors will choose ONE PE/PE Substitute	M Band I (6821/6841) Dance I (6611) JROTC I (8441) Athletics (83xx) Foundations (8213) Spirit Groups (8151)	Marching Band II Dance II JROTC II Athletics Indiv/Team Sports (8214) Spirit Groups	Marching Band III Dance III JROTC III Athletics Aerobics (8216) PE 3 (8219) Spirit Groups	Marching Band IV Dance IV JROTC IV Athletics Spirit Groups

Spirit Groups Include - Pep Squad, Cheerleading, Drill Team

Additional Electives	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
Fire Science Majors may choose from the following electives if schedule allows	World Geo (4214) Journalism (1718) Web Tech (7706) Bus. Info Mgmt. (7302)	Professional Communications DC or Communication Applications DC	Legal Research & Writing	Emergency Medical Technician – Basic

Students must meet TSI requirements identified by the Alamo Colleges prior to enrollment in dual credit courses. Advanced Placement courses are available to prepare students for rigorous college coursework. All students will participate in UIL, student leadership and service opportunities while in high school.

DC – Dual Credit DE – Dual Enrollment at UT
AP – Advanced Placement Pre-AP – Pre-Advanced Placement
New Courses/Sequences

Edison HS Class of 2020 & Beyond



Edison High School Class of 2020

Health Professions Institute – Public Service Endorsement



Four Year Plan				
PERIOD	9 TH	10 TH	11 TH	12 TH
1	English I (1214) or Pre-AP English I (1215)	English II or Pre-AP English II	AP English III or ENGL 1301/1302 DC	AP English IV or ENGL 2322/2323 DC
2	Algebra I (2214) or Pre-AP Geometry (2225)	Geometry or Pre-AP Algebra II	Algebra II or Pre-AP Pre-Calculus or DE	Pre-Calculus or AP Calculus AB/BC
3	Biology (3224) or Pre-AP Biology (3225)	Chemistry or Pre-AP Chemistry	AP Biology or AP Chemistry	AP Physics or PHYS 2425 DC
4	AVID (8545) or Elective	World History or Pre-AP World History	U.S. History or AP U.S. History	AP Govt / AP Eco or GOVT 2305 DC/ECON 1301 DC
5	Spanish I (5211) or Spanish II (5214)	Spanish II or Spanish III	Medical Microbiology (.5) Pathophysiology (.5)	Travel to Clinical Site
6	Principles of Health Science (7600)	Health Science	Health Science Practicum (DC) (3 cr) • Dental Assisting • Pharmacy Technician • Certified Nursing Assistant • Phlebotomy • EMT-B	Health Science II Practicum (DC) (3 cr) • Dental Assisting • Pharmacy Technician • Certified Nursing Assistant • Phlebotomy • EMT-B
7	PE (8213) /PE Sub./Elective	Medical Term (.5) Nutrition & Wellness (.5)		
8	Fine Arts Elective	Anatomy & Physiology		
TOTAL CREDITS	8	8	8	7

Fine Arts Electives	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
Health Professions Majors will choose ONE Fine Arts elective	Art I (6411) Theater Arts I (6441) Theatre Prod (6451) Tech Theatre I (6461) Choir I (6621) M Band I (6821/6841) Orchestra I (6651) Mariachi I (6811) Jazz Band I (6651) Dance I (6611)	Art II Theater Arts II Theatre Prod II Tech Theatre II Choir II Marching Band II Orchestra II Mariachi II Jazz Band II Dance II	Art III Theater Arts III Theatre Prod III Tech Theatre III Choir III Marching Band III Orchestra III Mariachi III Jazz Band III Dance III	Art IV Theater Arts IV Theatre Prod IV Tech Theatre IV Choir IV Marching Band IV Orchestra IV Mariachi IV Jazz Band IV Dance IV
PE/PE Substitutes	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
Health Professions Majors will choose ONE PE/PE Substitute	M Band I (6821/6841) Dance I (6611) JROTC I (8441) Athletics (83xx) Foundations (8213) Spirit Groups (8151)	Marching Band II Dance II JROTC II Athletics Indiv/Team Sports (8214) Spirit Groups	Marching Band III Dance III JROTC III Athletics Aerobics (8216) PE 3 (8219) Spirit Groups	Marching Band IV Dance IV JROTC IV Athletics Spirit Groups

Spirit Groups Include – Pep Squad, Cheerleading & Drill Team

Students must meet TSI requirements identified by the Alamo Colleges prior to enrollment in dual credit courses. Advanced Placement courses are available to prepare students for rigorous college coursework. All students will participate in UIL, student leadership and service opportunities while in high school.

DC – Dual Credit DE – Dual Enrollment at UT
 AP – Advanced Placement Pre-AP – Pre-Advanced Placement
 New Courses/Sequences

Health Professions Institute 4-Year Plan

Edison HS Class of 2020 & Beyond



Edison High School Class of 2020

Marketing/Entrepreneurship Pathway – Business & Industry Endorsement



Four Year Plan				
PERIOD	9 TH	10 TH	11 TH	12 TH
1	English I (1214) or Pre-AP English I (1215)	English II or Pre-AP English II	AP English III or ENGL 1301/1302 DC	AP English IV or ENGL 2322/2323 DC
2	Algebra I (2214) or Pre-AP Geometry (2225)	Geometry or Pre-AP Algebra II	Algebra II or Pre-AP Pre-Calculus or DE	Pre-Calculus or AP Calculus AB/BC
3	Biology (3224) or Pre-AP Biology (3225)	Chemistry or Pre-AP Chemistry	Physics	Anatomy & Physiology
4	AVID (8545) or Elective	World History or Pre-AP World History AP World History	U.S. History or AP U.S. History	AP Govt / AP Eco or GOVT 2305 DC/ECON 1301 DC
5	Spanish I (5211) or Spanish II (5214)	Spanish II or Spanish III	Entrepreneurship (1cr) Marketing Dynamics DC (2 cr)	Marketing Dynamics I Practicum DC (3 cr)
6	Principles of Business, Marketing & Finance (7301)	Retailing & E-tailing (.5) Advertising Sales & Promotion (.5)		
7	PE (8213)/PE Sub./Elective	Fine Arts Elective		
8	Elective	Elective	Elective	Elective
TOTAL CREDITS	8	8	8	8

Marketing/Entrepreneurship Pathway 4-Year Plan

PE/PE Substitutes	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
Marketing Majors will choose ONE PE/PE Substitute	M Band I (6821/6841) Dance I (6611) JROTC I (8441) Athletics (83xx) Foundations (8213) Spirit Groups (8151)	Marching Band II Dance II (6611) JROTC II Athletics Indiv/Team Sports (8214) Spirit Groups	Marching Band III Dance III JROTC III Athletics Aerobics (8216) PE 3 (8219) Spirit Groups	Marching Band IV Dance IV JROTC IV Athletics Spirit Groups
Fine Arts Electives	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
Marketing Majors will choose ONE Fine Arts elective	Art I (6411) Theater Arts I (6441) Theatre Prod (6451) Tech Theatre I (6461) Choir I (6621) M Band I (6821/6841) Orchestra I (6651) Mariachi I (6811) Jazz Band I (6651) Dance I (6611)	Art II Theater Arts II Theatre Prod II Tech Theatre II Choir II Marching Band II Orchestra II Mariachi II Jazz Band II Dance II	Art III Theater Arts III Theatre Prod III Tech Theatre III Choir III Marching Band III Orchestra III Mariachi III Jazz Band III Dance III	Art IV Theater Arts IV Theatre Prod IV Tech Theatre IV Choir IV Marching Band IV Orchestra IV Mariachi IV Jazz Band IV Dance IV

Spirit Groups Include- Pep Squad, Cheerleading, Drill Team

Additional Electives	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
Marketing Majors may choose from the following electives if schedule allows	World Geo (4214) Journalism (1718) Web Tech (7706) Bus. Info Mgmt. (7302)	Professional Communications DC or Communication Applications DC	Business Management	Social Media Marketing (.5) Global Business (.5) Virtual Business (.5)

Students must meet TSI requirements identified by the Alamo Colleges prior to enrollment in dual credit courses. Advanced Placement courses are available to prepare students for rigorous college coursework. All students will participate in UIL, student leadership and service opportunities while in high school.

DC – Dual Credit DE – Dual Enrollment at UT
AP – Advanced Placement Pre-AP – Pre-Advanced Placement
New Courses/Sequences

Edison HS Class of 2020 & Beyond



Edison High School Class of 2020

Teacher Education Pathway – Public Service Endorsement



Teacher Education Pathway 4-Year Plan

Edison HS Class of 2020 & Beyond

Four Year Plan				
PERIOD	9 TH	10 TH	11 TH	12 TH
1	English I (1214) or Pre-AP English I (1215)	English II or Pre-AP English II	AP English III or ENGL 1301/1302 DC	AP English IV or ENGL 2322/2323 DC
2	Algebra I (2214) or Pre-AP Geometry (2225)	Geometry or Pre-AP Algebra II	Algebra II or Pre-AP Pre-Calculus or DE	Pre-Calculus or AP Calculus AB/BC
3	Biology (3224) or Pre-AP Biology (3225)	Chemistry or Pre-AP Chemistry	Physics	Anatomy/Physiology
4	AVID (8545) or Elective	World History or Pre-AP World History	U.S. History or AP U.S. History	AP Govt / AP Eco or GOVT 2305 DC/ECON 1301 DC
5	Spanish I (5211) or Spanish II (5214)	Spanish II or Spanish III	Elective	Psychology/Sociology
6	Principles of Education & Training (7402)	Human Growth & Development	Instructional Practices in Education & Training (DC) (2 cr)	Education & Training I Practicum (DC) (3 cr)
7	Elective	Child Development		
8	PE (8213) /PE Sub./Elective	Fine Arts Elective		
TOTAL CREDITS	8	8	8	8

Fine Arts Electives	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
Teacher Education Majors will choose ONE Fine Arts elective	Art I (6411) Theater Arts I (6441) Theatre Prod (6451) Tech Theatre I (6461) Choir I (6621) M Band I (6821/6841) Orchestra I (6651) Mariachi I (6811) Jazz Band I (6651) Dance I (6611)	Art II Theater Arts II Theatre Prod II Tech Theatre II Choir II Marching Band II Orchestra II Mariachi II Jazz Band II Dance II	Art III Theater Arts III Theatre Prod III Tech Theatre III Choir III Marching Band III Orchestra III Mariachi III Jazz Band III Dance III	Art IV Theater Arts IV Theatre Prod IV Tech Theatre IV Choir IV Marching Band IV Orchestra IV Mariachi IV Jazz Band IV Dance IV

PE/PE Substitutes	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
Teacher Education Majors will choose ONE PE/PE Substitute	M Band I (6821/6841) Dance I (6611) JROTC I (8441) Athletics (83xx) Foundations (8213) Spirit Groups (8151)	Marching Band II Dance II JROTC II Athletics Indiv/Team Sports (8214) Spirit Groups	Marching Band III Dance III JROTC III Athletics Aerobics (8216) PE 3 (8219) Spirit Groups	Marching Band IV Dance IV JROTC IV Athletics Spirit Groups

Spirit Groups Include - Pep Squad, Cheerleading, Drill Team

Additional Electives	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
Teacher Education Majors may choose from the following electives if schedule allows	World Geo (4214) Journalism (1718) Web Tech (7706) Bus. Info Mgmt. (7302) Digital & Interactive Media (7702)	Professional Communications DC or Communication Applications DC	Business Information Management I	Web Technologies

Students must meet TSI requirements identified by the Alamo Colleges prior to enrollment in dual credit courses. Advanced Placement courses are available to prepare students for rigorous college coursework. All students will participate in UIL, student leadership and service opportunities while in high school.

DC – Dual Credit DE – Dual Enrollment at UT
AP – Advanced Placement Pre-AP – Pre-Advanced Placement
New Courses/Sequences



Fox Tech High School Class of 2020

Law Professions Institute – Public Service Endorsement



Four Year Plan				
PERIOD	9 TH	10 TH	11 TH	12 TH
1	English I (1214) or Pre-AP English I (1215)	Pre-AP English II	AP English III or ENGL 1301/1302 DC	AP English IV or ENGL 2322/2323 DC
2	Algebra I (2214) or Pre-AP Geometry (2225)	Geometry or Pre-AP Algebra II	Algebra II or Pre-AP Pre-Calculus or DE	Pre-Calculus or AP Calculus AB/BC
3	Biology (3224) or Pre-AP Biology (3225)	Chemistry or Pre-AP Chemistry	Forensic Science	AP Biology or AP Chemistry or AP Physics
4	AVID (8545) or College Career Ready (8705)	World History or Pre-AP World History	U.S. History or AP U.S. History	AP Govt / AP Eco or GOVT 2305DC/ECON 1301 DC
5	Spanish I (5211) or Spanish II (5214)	Spanish II or Spanish III (5217)	Debate II	Debate III
6	Principles of Government & Public Administration (7501)	Political Science I	Political Science II (2 cr)	Practicum in Local, State & Federal Government (3 cr)
7	Debate I (1721)	Planning & Governance		
8	PE (8213) /PE Sub./Elective	Fine Arts Elective	Psychology/Sociology	
TOTAL CREDITS	8	8	8	8

Law Professions Institute 4-Year Plan

PE/PE Substitutes	Level I Course	Level II Course	Level III Course	Advanced Course
Law Professions Majors will choose ONE PE/PE Substitute	M Band I (6821/6841) Dance I (6611) JROTC I (8441) Athletics (83x1) Foundations (8213) Spirit Groups (8151)	Marching Band II Dance II JROTC II Athletics Indiv/Team Sports (8214) Spirit Groups	Marching Band III Dance III JROTC III Athletics Aerobics (8216) PE 3 (8219) Spirit Groups	Marching Band IV Dance IV JROTC IV Athletics Spirit Groups
Fine Arts Electives	Level I Course	Level II Course	Level III Course	Advanced Course
Law Professions Majors will choose ONE Fine Arts elective	Art I (6411) Theater Arts I (6441) Theatre Prod (6451) Tech Theatre I (6461) Choir I (6621) Marching Band I (6821/6841) Orchestra I (6651) Mariachi I (6811) Jazz Band I (6651) Dance I (6611)	Art II Theater Arts II Theatre Prod II Tech Theatre II Choir II Marching Band II Orchestra II Mariachi II Jazz Band II Dance II	Art III Theater Arts III Theatre Prod III Tech Theatre III Choir III Marching Band III Orchestra III Mariachi III Jazz Band III Dance III	Art IV Theater Arts IV Theatre Prod IV Tech Theatre IV Choir IV Marching Band IV Orchestra IV Mariachi IV Jazz Band IV Dance IV

Spirit Groups Include – Pep Squad, Cheerleading, Drill Team

Additional Electives	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
Law Professions Majors may choose from the following electives if schedule allows	World Geo (4214) Journalism (1718) Web Tech (7706) Bus. Info Mgmt. (7302)	Introduction to American Law	Foreign Service & Diplomacy	Legal Research and Writing Special Topics in Social Studies (.5) / Social Studies Research Methods (.5)

Students must meet TSI requirements identified by the Alamo Colleges prior to enrollment in dual credit courses. Advanced Placement courses are available to prepare students for rigorous college coursework. All students will participate in UIL, student leadership and service opportunities while in high school.

DC – Dual Credit DE – Dual Enrollment at UT
AP – Advanced Placement Pre-AP – Pre-Advanced Placement
New Courses/Sequences

Fox Tech HS Class of 2020 & Beyond



Fox Tech High School Class of 2020

Health Professions Institute – Public Service Endorsement



Health Professions Institute (Public Service) 4-Year Plan Fox Tech HS Class of 2020 & Beyond

Four Year Plan				
PERIOD	9 TH	10 TH	11 TH	12 TH
1	Pre-AP English I (1215)	Pre-AP English II	AP English III or ENGL 1301/1302 DC	AP English IV or ENGL 2322/2323 DC
2	Algebra I (2214) or Pre-AP Geometry (2225)	Geometry or Pre-AP Algebra II	Algebra II or Pre-AP Pre-Calculus or DE	Pre-Calculus or AP Calculus AB/BC
3	Biology (3224) or Pre-AP Biology (3225)	Chemistry or Pre-AP Chemistry	AP Biology or AP Chemistry	AP Physics or PHYS 2425 DC
4	AVID (8545) or Elective	World History or Pre-AP World History	U.S. History or AP U.S. History	AP Govt / AP Eco or GOVT 2305 DC/ECON 1301 DC
5	Spanish I (5211) or Spanish II (5214)	Spanish II or Spanish III	Medical Microbiology (.5) Pathophysiology (.5)	Travel to Clinical Site
6	Principles of Health Science (7600)	Health Science	Health Science Practicum (DC) (2 cr) <ul style="list-style-type: none"> Dental Assisting Pharmacy Technician Certified Nursing Assistant Phlebotomy EMT-B 	Health Science II Practicum (DC) (3 cr) <ul style="list-style-type: none"> Dental Assisting Pharmacy Technician Certified Nursing Assistant Phlebotomy EMT-B
7	PE (8213) /PE Sub./Elective	Medical Term (.5) Nutrition & Wellness (.5)		
8	Fine Arts Elective	Anatomy & Physiology	Fine Arts Elective	
TOTAL CREDITS	8	8	8	7

PE/PE Substitutes	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
Health Professions Majors will choose ONE PE/PE Substitute	M Band I (6821/6841) Dance I (6611) JROTC I (8441) Athletics (83x1) Foundations (8213) Spirit Groups (8151)	Marching Band II Dance II JROTC II Athletics Indiv/Team Sports (8214) Spirit Groups	Marching Band III Dance III JROTC III Athletics Aerobics (8216) PE 3 (8219) Spirit Groups	Marching Band IV Dance IV JROTC IV Athletics Spirit Groups
Fine Arts Electives	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
Health Professions Majors will choose ONE Fine Arts elective	Art I (6411) Theater Arts I (6441) Theatre Prod (6451) Tech Theatre I (6461) Choir I (6621) Marching Band I (6821/6841) Orchestra I (6651) Mariachi I (6811) Jazz Band I (6651) Dance I (6611)	Art II Theater Arts II Theatre Prod II Tech Theatre II Choir II Marching Band II Orchestra II Mariachi II Jazz Band II Dance II	Art III Theater Arts III Theatre Prod III Tech Theatre III Choir III Marching Band III Orchestra III Mariachi III Jazz Band III Dance III	Art IV Theater Arts IV Theatre Prod IV Tech Theatre IV Choir IV Marching Band IV Orchestra IV Mariachi IV Jazz Band IV Dance IV

Spirit Groups Include – Pep Squad, Cheerleading & Drill Team

Students must meet TSI requirements identified by the Alamo Colleges prior to enrollment in dual credit courses. Advanced Placement courses are available to prepare students for rigorous college coursework. All students will participate in UIL, student leadership and service opportunities while in high school.

DC – Dual Credit DE – Dual Enrollment at UT
AP – Advanced Placement Placement Pre-AP – Pre-Advanced Placement
New Courses/Sequences



Fox Tech High School Class of 2020

Health Professions Institute – STEM Endorsement



Four Year Plan				
PERIOD	9 TH	10 TH	11 TH	12 TH
1	Pre-AP English I (1215)	Pre-AP English II	AP English III or ENGL 1301/1302 DC	AP English IV or ENGL 2322/2323 DC
2	Algebra I (2214) or Pre-AP Geometry (2225)	Geometry or Pre-AP Algebra II	Algebra II or Pre-AP Pre-Calculus or DE	Pre-Calculus or AP Calculus AB/BC
3	Biology (3224) or Pre-AP Biology (3225)	Chemistry or Pre-AP Chemistry	Anatomy & Physiology DC	AP Physics or PHYS 2425 DC
4	AVID (8545) or College Career Ready (8705)	World History or Pre-AP World History	U.S. History or AP U.S. History	AP Govt / AP Eco or GOVT 2305DC/ECON 1301 DC
5	Spanish I (5211) or Spanish II (5214)	Spanish II or Spanish III	Medical Interventions (PLTW)	Biomedical Innovation (PLTW)
6	Principles of Biomedical Science (PLTW) (9049)	Human Body Systems (PLTW)	Health Science Practicum (DC) (3 cr)	Health Science II Practicum (DC) (3 cr)
7	Medical Term (.5) (7605) Nutrition & Wellness (.5) (7468)	Medical Microbiology (.5) Pathophysiology (.5)		
8	PE (8213) /PE Sub./Elective	Fine Arts Elective		
TOTAL CREDITS	8	8	8	8

PE/PE Substitutes	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
Health Professions Majors will choose ONE PE/PE Substitute	M Band I (6821/6841) Dance I (6611) JROTC I (8441) Athletics (83x1) Foundations (8213) Spirit Groups (8151)	Marching Band II Dance II JROTC II Athletics Indiv/Team Sports (8214) Spirit Groups	Marching Band III Dance III JROTC III Athletics Aerobics (8216) PE 3 (8219) Spirit Groups	Marching Band IV Dance IV JROTC IV Athletics Spirit Groups
Fine Arts Electives	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
Health Professions Majors will choose ONE Fine Arts elective	Art I (6411) Theater Arts I (6441) Theatre Prod (6451) Tech Theatre I (6461) Choir I (6621) Marching Band I (6821/6841) Orchestra I (6651) Mariachi I (6811) Jazz Band I (6651) Dance I (6611)	Art II Theater Arts II Theatre Prod II Tech Theatre II Choir II Marching Band II Orchestra II Mariachi II Jazz Band II Dance II	Art III Theater Arts III Theatre Prod III Tech Theatre III Choir III Marching Band III Orchestra III Mariachi III Jazz Band III Dance III	Art IV Theater Arts IV Theatre Prod IV Tech Theatre IV Choir IV Marching Band IV Orchestra IV Mariachi IV Jazz Band IV Dance IV

Spirit Groups Include - Pep Squad, Cheerleading, Drill Team

Additional Electives	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
Health Professions Majors may choose from the following electives if schedule allows	World Geo (4214) Journalism (1718) Web Tech (7706) Bus. Info Mgmt. (7302)	Professional Communications DC or Communication Applications DC	Psychology/Sociology	Research/Technical Writing

Students must meet TSI requirements identified by the Alamo Colleges prior to enrollment in dual credit courses. Advanced Placement courses are available to prepare students for rigorous college coursework. All students will participate in UIL, student leadership and service opportunities while in high school.

DC – Dual Credit DE – Dual Enrollment at UT
AP – Advanced Placement Pre-AP – Pre-Advanced
Placement New Courses/Sequences

Health Professions Institute (STEM) 4-Year Plan Fox Tech HS Class of 2020 & Beyond



Highlands High School Class of 2020

Architecture Pathway – Business & Industry Endorsement



Four Year Plan				
PERIOD	9 TH	10 TH	11 TH	12 TH
1	English I (1214) or Pre-AP English I (1215)	English II or Pre-AP English II	AP English III or ENGL 1301/1302 DC	AP English IV or ENGL 2322/2323 DC
2	Algebra I (2214) or Pre-AP Geometry (2225)	Geometry or Pre-AP Algebra II	Algebra II or Pre-AP Pre-Calculus or DE	Pre-Calculus or AP Calculus AB/BC
3	Biology (3224) or Pre-AP Biology (3225)	Chemistry or Pre-AP Chemistry	AP Physics or PHYS 2425 DC	AP Environmental Science
4	AVID (8545) or Elective	World History or Pre-AP World History	U.S. History or AP U.S. History	AP Govt / AP Eco or GOVT 2305 DC/ECON 1301 DC
5	Spanish I (5211) or Spanish II (5214)	Spanish II or Spanish III	Advanced Architectural Design DC (3 cr)	Architectural Design Practicum DC (3 cr)
6	Principles of Architecture & Construction (7110)	Architectural Design		
7	PE (8213) /PE Sub./Elective	Fine Arts Elective		
8	Elective	Elective	Elective	Elective
TOTAL CREDITS	8	8	8	8

Architecture Pathway 4-Year Plan

Highlands HS Class of 2020 & Beyond

Fine Arts Electives	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
Architecture Majors will choose ONE Fine Arts elective	Art I (6411) Theater Arts I (6441) Theatre Prod (6451) Tech Theatre I (6461) Choir I (6621) M Band I (6821/6841) Orchestra I (6651) Mariachi I (6811) Jazz Band I (6651) Dance I (6611)	Art II Theater Arts II Theatre Prod II Tech Theatre II Choir II Marching Band II Orchestra II Mariachi II Jazz Band II Dance II	Art III Theater Arts III Theatre Prod III Tech Theatre III Choir III Marching Band III Orchestra III Mariachi III Jazz Band III Dance III	Art IV Theater Arts IV Theatre Prod IV Tech Theatre IV Choir IV Marching Band IV Orchestra IV Mariachi IV Jazz Band IV Dance IV

PE/PE Substitutes	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
Architecture Majors will choose ONE PE/PE Substitute	M Band I (6821/6841) Dance I (6611) JROTC I (8441) Athletics (83xx) Foundations (8213) Spirit Groups (8151)	Marching Band II Dance II JROTC II Athletics Indiv/Team Sports (8214) Spirit Groups	Marching Band III Dance III JROTC III Athletics Aerobics (8216) PE 3 (8219) Spirit Groups	Marching Band IV Dance IV JROTC IV Athletics Spirit Groups

Spirit Groups Include - Pep Squad, Cheerleading, Drill Team

Additional Electives	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
Architecture Majors may choose from the following electives if schedule allows	World Geo (4214) Journalism (1718) Web Tech (7706) Bus. Info Mgmt. (7302)	Professional Communications DC or Communication Applications DC	Construction Management	Scientific Research & Design

Students must meet TSI requirements identified by the Alamo Colleges prior to enrollment in dual credit courses. Advanced Placement courses are available to prepare students for rigorous college coursework. All students will participate in UIL, student leadership and service opportunities while in high school.

DC – Dual Credit DE – Dual Enrollment at UT
AP – Advanced Placement Pre-AP – Pre-Advanced Placement
New Courses/Sequences



Highlands High School Class of 2020

Criminal Justice Pathway – Public Service Endorsement



Criminal Justice Pathway 4-Year Plan

Highlands HS Class of 2020 & Beyond

Four Year Plan				
PERIOD	9 TH	10 TH	11 TH	12 TH
1	English I (1214) or Pre-AP English I (1215)	English II or Pre-AP English II	AP English III or ENGL 1301/1302 DC	AP English IV or ENGL 2322/2323 DC
2	Algebra I (2214) or Pre-AP Geometry (2225)	Geometry or Pre-AP Algebra II	Algebra II or Pre-AP Pre-Calculus or DE	Pre-Calculus or AP Calculus AB/BC
3	Biology (3224) or Pre-AP Biology (3225)	Chemistry or Pre-AP Chemistry	Physics	Anatomy & Physiology
4	AVID (8545) or Elective	World History or Pre-AP World History AP World History	U.S. History or AP U.S. History	AP Govt / AP Eco or GOVT 2305 DC/ECON 1301 DC
5	Spanish I (5211) or Spanish II (5214)	Spanish II or Spanish III	AP Psychology	Forensic Science
6	Principles of Law, Public Safety, Corrections & Security (7532)	Court Systems and Practices	Law Enforcement I (DC) (2 cr)	Law Enforcement II (DC) (2 cr)
7	PE (8213) /PE Sub./Elective	Fine Arts Elective		
8	Elective	Elective	Elective	Elective
TOTAL CREDITS	8	8	8	8

Fine Arts Electives	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
Criminal Justice Majors will choose ONE Fine Arts elective	Art I (6411) Theater Arts I (6441) Theatre Prod (6451) Tech Theatre I (6461) Choir I (6621) M Band I (6821/6841) Orchestra I (6651) Mariachi I (6811) Jazz Band I (6651) Dance I (6611)	Art II Theater Arts II Theatre Prod II Tech Theatre II Choir II Marching Band II Orchestra II Mariachi II Jazz Band II Dance II	Art III Theater Arts III Theatre Prod III Tech Theatre III Choir III Marching Band III Orchestra III Mariachi III Jazz Band III Dance III	Art IV Theater Arts IV Theatre Prod IV Tech Theatre IV Choir IV Marching Band IV Orchestra IV Mariachi IV Jazz Band IV Dance IV

PE/PE Substitutes	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
Criminal Justice Majors will choose ONE PE/PE Substitute	M Band I (6821/6841) Dance I (6611) JROTC I (8441) Athletics (83xx) Foundations (8213) Spirit Groups (8151)	Marching Band II Dance II JROTC II Athletics Indiv/Team Sports (8214) Spirit Groups	Marching Band III Dance III JROTC III Athletics Aerobics (8216) PE 3 (8219) Spirit Groups	Marching Band IV Dance IV JROTC IV Athletics Spirit Groups

Spirit Groups Include - Pep Squad, Cheerleading, Drill Team

Additional Electives	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
Criminal Justice Majors may choose from the following electives if schedule allows	World Geo (4214) Journalism (1718) Web Tech (7706) Bus. Info Mgmt. (7302)	Professional Communications DC or Communication Applications DC	Legal Research & Writing	Emergency Medical Technician – Basic

Students must meet TSI requirements identified by the Alamo Colleges prior to enrollment in dual credit courses. Advanced Placement courses are available to prepare students for rigorous college coursework. All students will participate in UIL, student leadership and service opportunities while in high school.

DC – Dual Credit DE – Dual Enrollment at UT
AP – Advanced Placement Pre-AP – Pre-Advanced Placement
New Courses/Sequences



Highlands High School Class of 2020

Computer Science Pathway – STEM Endorsement



Computer Science Pathway 4-Year Plan

Highlands HS Class of 2020 & Beyond

Four Year Plan				
PERIOD	9 TH	10 TH	11 TH	12 TH
1	English I (1214) or Pre-AP English I (1215)	English II or Pre-AP English II	AP English III or ENGL 1301/1302 DC	AP English IV or ENGL 2322/2323 DC
2	Algebra I (2214) or Pre-AP Geometry (2225)	Geometry or Pre-AP Algebra II	Algebra II or Pre-AP Pre-Calculus or DE	Pre-Calculus or AP Calculus AB/BC
3	Biology (3224) or Pre-AP Biology (3225)	Chemistry or Pre-AP Chemistry	AP Physics or PHYS 2425 DC	Forensic Science
4	AVID (8545) or Elective	World History or Pre-AP World History	U.S. History or AP U.S. History	AP Govt / AP Eco or GOVT 2305 DC/ ECON 1301 DC
5	Spanish I (5211) or Spanish II (5214)	Spanish II or Spanish III	AP Psychology/ AP Sociology	Artificial Intelligence (.5) PLTW Cybersecurity (.5) PLTW
6	Elective	Elective	Digital & Interactive Media	Computational Problem Solving PLTW
7	Intro Computer Science (.5) PLTW Modern Physics (.5)	Computer Science & Software Engineering PLTW	Computer Science Applications PLTW	Robotics & Automation (2)
8	PE (8213) /PE Sub./Elective	Fine Arts Elective	Elective	Elective
TOTAL CREDITS	8	8	8	8

PE/PE Substitutes	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
Computer Science Majors will choose ONE PE/PE Substitute	M Band I (6821/6841) Dance I (6611) JROTC I (8441) Athletics (83xx) Foundations (8213) Spirit Groups (8151)	Marching Band II Dance II JROTC II Athletics Indiv/Team Sports (8214) Spirit Groups	Marching Band III Dance III JROTC III Athletics Aerobics (8216) PE 3 (8219) Spirit Groups	Marching Band IV Dance IV JROTC IV Athletics Spirit Groups
Fine Arts Electives	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
Computer Science Majors will choose ONE Fine Arts elective	Art I (6411) Theater Arts I (6441) Theatre Prod (6451) Tech Theatre I (6461) Choir I (6621) M Band I (6821/6841) Orchestra I (6651) Mariachi I (6811) Jazz Band I (6651) Dance I (6611)	Art II Theater Arts II Theatre Prod II Tech Theatre II Choir II Marching Band II Orchestra II Mariachi II Jazz Band II Dance II	Art III Theater Arts III Theatre Prod III Tech Theatre III Choir III Marching Band III Orchestra III Mariachi III Jazz Band III Dance III	Art IV Theater Arts IV Theatre Prod IV Tech Theatre IV Choir IV Marching Band IV Orchestra IV Mariachi IV Jazz Band IV Dance IV

Spirit Groups Include - Pep Squad, Cheerleading, Drill Team

Additional Electives	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
Computer Science Majors may choose from the following electives if schedule allows	World Geography (4214)	Professional Communications DC or Communication Applications DC	Scientific Research & Design	Simulation & Modeling (.5) (PLTW)

Students must meet TSI requirements identified by the Alamo Colleges prior to enrollment in dual credit courses. Advanced Placement courses are available to prepare students for rigorous college coursework. All students will participate in UIL, student leadership and service opportunities while in high school.

DC – Dual Credit DE – Dual Enrollment at UT
AP – Advanced Placement Pre-AP – Pre-Advanced Placement
New Courses/Sequences



Highlands High School Class of 2020

Culinary Pathway – Business & Industry Endorsement



Four Year Plan

PERIOD	9 TH	10 TH	11 TH	12 TH
1	English I (1214) or Pre-AP English I (1215)	English II or Pre-AP English II	AP English III or ENGL 1301/1302 DC	AP English IV or ENGL 2322/2323 DC
2	Algebra I (2214) or Pre-AP Geometry (2225)	Geometry or Pre-AP Algebra II	Algebra II or Pre-AP Pre-Calculus or DE	Pre-Calculus or AP Calculus AB/BC
3	Biology (3224) or Pre-AP Biology (3225)	Chemistry or Pre-AP Chemistry	Physics	Food Science
4	AVID (8545) or Elective	World History or Pre-AP World History AP World History	U.S. History or AP U.S. History	AP Govt / AP Eco or GOVT 2305 DC/ ECON 1301 DC
5	Spanish I (5211) or Spanish II (5214)	Spanish II or Spanish III	Practicum in Culinary Arts DC (3 cr)	Practicum in Culinary Arts II DC (3 cr)
6	Principles of Hospitality & Tourism (7426)	Culinary Arts (2 cr)		
7	Elective			
8	PE (8213) /PE Sub./Elective	Fine Arts Elective	Elective	Elective
TOTAL CREDITS	8	8	8	8

PE/PE Substitutes	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
Culinary Majors will choose ONE PE/PE Substitute	M Band I (6821/6841) Dance I (6611) JROTC I (8441) Athletics (83xx) Foundations (8213) Spirit Groups (8151)	Marching Band II Dance II JROTC II Athletics Indiv/Team Sports (8214) Spirit Groups	Marching Band III Dance III JROTC III Athletics Aerobics (8216) PE 3 (8219) Spirit Groups	Marching Band IV Dance IV JROTC IV Athletics Spirit Groups
Fine Arts Electives	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
Culinary Majors will choose ONE Fine Arts elective	Art I (6411) Theater Arts I (6441) Theatre Prod (6451) Tech Theatre I (6461) Choir I (6621) M Band I (6821/6841) Orchestra I (6651) Mariachi I (6811) Jazz Band I (6651) Dance I (6611)	Art II Theater Arts II Theatre Prod II Tech Theatre II Choir II Marching Band II Orchestra II Mariachi II Jazz Band II Dance II	Art III Theater Arts III Theatre Prod III Tech Theatre III Choir III Marching Band III Orchestra III Mariachi III Jazz Band III Dance III	Art IV Theater Arts IV Theatre Prod IV Tech Theatre IV Choir IV Marching Band IV Orchestra IV Mariachi IV Jazz Band IV Dance IV

Spirit Groups Include - Pep Squad, Cheerleading, Drill Team

Additional Electives	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
Culinary Majors may choose from the following electives if schedule allows	World Geo (4214) Journalism (1718) Web Tech (7706) Bus. Info Mgmt. (7302)	Professional Communications DC or Communication Applications DC	Business Management	Entrepreneurship

Students must meet TSI requirements identified by the Alamo Colleges prior to enrollment in dual credit courses. Advanced Placement courses are available to prepare students for rigorous college coursework. All students will participate in UIL, student leadership and service opportunities while in high school.

DC – Dual Credit DE – Dual Enrollment at UT
AP – Advanced Placement Pre-AP – Pre-Advanced Placement
New Courses/Sequences

Culinary Pathway 4-Year Plan

Highlands HS Class of 2020 & Beyond



Highlands High School Class of 2020

Design & Fabrication Pathway – Business & Industry Endorsement



Design & Fabrication Pathway 4-Year Plan

Highlands HS Class of 2020 & Beyond

Four Year Plan				
PERIOD	9 TH	10 TH	11 TH	12 TH
1	English I (1214) or Pre-AP English I (1215)	English II or Pre-AP English II	AP English III or ENGL 1301/1302 DC	AP English IV or ENGL 2322/2323 DC
2	Algebra I (2214) or Pre-AP Geometry (2225)	Geometry or Pre-AP Algebra II	Algebra II or Pre-AP Pre-Calculus or DE	Pre-Calculus or AP Calculus AB/BC
3	Biology (3224) or Pre-AP Biology (3225)	Chemistry or Pre-AP Chemistry	Physics	Scientific Research & Design
4	AVID (8545) or Elective	World History or Pre-AP World History AP World History	U.S. History or AP U.S. History	AP Govt / AP Eco or GOVT 2305 DC/ ECON 1301 DC
5	Spanish I (5211) or Spanish II (5214)	Spanish II or Spanish III	Elective	Elective
6	Principles of Agriculture, Food & Natural Resources (7033)	Agriculture Mechanics & Metal technologies	Agriculture Facilities, Design & Fabrication (2 cr) Agriculture Power Systems (1 cr)	Practicum in Agriculture, Food & Natural Resources (DC) (3 cr)
7	PE (8213) /PE Sub./Elective	Fine Arts Elective		
8	Elective	Elective		
TOTAL CREDITS	8	8	8	8

Fine Arts Electives	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
Design & Fabrication Majors will choose ONE Fine Arts elective	Art I (6411) Theater Arts I (6441) Theatre Prod (6451) tech Theatre I (6461) Choir I (6621) M Band I (6821/6841) Orchestra I (6651) Mariachi I (6811) Jazz Band I (6651) Dance I (6611)	Art II Theater Arts II Theatre Prod II tech Theatre II Choir II Marching Band II Orchestra II Mariachi II Jazz Band II Dance II	Art III Theater Arts III Theatre Prod III tech Theatre III Choir III Marching Band III Orchestra III Mariachi III Jazz Band III Dance III	Art IV Theater Arts IV Theatre Prod IV tech Theatre IV Choir IV Marching Band IV Orchestra IV Mariachi IV Jazz Band IV Dance IV

PE/PE Substitutes	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
Design & Fabrication Majors will choose ONE PE/PE Substitute	M Band I (6821/6841) Dance I (6611) JROTC I (8441) Athletics (83xx) Foundations (8213) Spirit Groups (8151)	Marching Band II Dance II JROTC II Athletics Indiv/Team Sports (8214) Spirit Groups	Marching Band III Dance III JROTC III Athletics Aerobics (8216) PE 3 (8219) Spirit Groups	Marching Band IV Dance IV JROTC IV Athletics Spirit Groups

Spirit Groups Include - Pep Squad, Cheerleading, Drill Team

Additional Electives	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
Design & Fabrication Majors may choose from the following electives if schedule allows	World Geo (4214) Journalism (1718) Web tech (7706) Bus. Info Mgmt. (7302)	Professional Communications DC or Communication Applications DC	Business Management	Entrepreneurship

Students must meet TSI requirements identified by the Alamo Colleges prior to enrollment in dual credit courses. Advanced Placement courses are available to prepare students for rigorous college coursework. All students will participate in UIL, student leadership and service opportunities while in high school.

DC – Dual Credit DE – Dual Enrollment at UT
AP – Advanced Placement Pre-AP – Pre-Advanced Placement
New Courses/Sequences



Highlands High School Class of 2020

Engineering Design Institute – STEM Endorsement



Four Year Plan				
PERIOD	9 TH	10 TH	11 TH	12 TH
1	English I (1214) or Pre-AP English I (1215)	English II or Pre-AP English II	AP English III or ENGL 1301/1302 DC	AP English IV or ENGL 2322/2323 DC
2	Algebra I (2214) or Pre-AP Geometry (2225)	Geometry or Pre-AP Algebra II	Algebra II or Pre-AP Pre-Calculus or DE	Pre-Calculus or AP Calculus AB/BC
3	Biology (3224) or Pre-AP Biology (3225)	Chemistry or Pre-AP Chemistry	AP Physics or PHYS 2425 DC	AP Environmental Science
4	AVID (8545) or Elective	World History or Pre-AP World History	U.S. History or AP U.S. History	AP Govt / AP Eco or GOVT 2305 DC/ ECON 1301 DC
5	Spanish I (5211) or Spanish II (5214)	Spanish II or Spanish III	Engineering Design & Presentation (1 cr) Robotics & Automation (2 cr)	Advanced Engineering Design & Presentation DC (3 cr)
6	Concepts of Engineering & Technology (7826)	Biotechnology		
7	PE (8213) /PE Sub./Elective	Fine Arts Elective		
8	Elective	Elective	Elective	Elective
TOTAL CREDITS	8	8	8	8

PE/PE Substitutes	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
Engineering Majors will choose ONE PE/PE Substitute elective	M Band I (6821/6841) Dance I (6611) JROTC I (8441) Athletics (83xx) Foundations (8213) Spirit Groups (8151)	Marching Band II Dance II JROTC II Athletics Indiv/Team Sports (8214) Spirit Groups	Marching Band III Dance III JROTC III Athletics Aerobics (8216) PE 3 (8219) Spirit Groups	Marching Band IV Dance IV JROTC IV Athletics Spirit Groups
Fine Arts Electives	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
Engineering Majors will choose ONE Fine Arts elective	Art I (6411) Theater Arts I (6441) Theatre Prod (6451) Tech Theatre I (6461) Choir I (6621) M Band I (6821/6841) Orchestra I (6651) Mariachi I (6811) Jazz Band I (6651) Dance I (6611)	Art II Theater Arts II Theatre Prod II Tech Theatre II Choir II Marching Band II Orchestra II Mariachi II Jazz Band II Dance II	Art III Theater Arts III Theatre Prod III Tech Theatre III Choir III Marching Band III Orchestra III Mariachi III Jazz Band III Dance III	Art IV Theater Arts IV Theatre Prod IV Tech Theatre IV Choir IV Marching Band IV Orchestra IV Mariachi IV Jazz Band IV Dance IV

Spirit Groups Include- Pep Squad, Cheerleading, Drill Team

Additional Electives	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
Engineering Majors will choose from the following electives if schedule allows elective	World Geography (4214)	Professional Communications DC or Communication Applications DC	Advanced Biotechnology	Engineering Mathematics or Scientific Research & Design

Students must meet TSI requirements identified by the Alamo Colleges prior to enrollment in dual credit courses. Advanced Placement courses are available to prepare students for rigorous college coursework. All students will participate in UIL, student leadership and service opportunities while in high school.

DC – Dual Credit DE – Dual Enrollment at UT
AP – Advanced Placement Pre-AP – Pre-Advanced Placement
New Courses/Sequences



Highlands High School Class of 2020

Marketing/Entrepreneurship Pathway – Business & Industry Endorsement



Marketing/Entrepreneurship Pathway 4-Year Plan

Highlands HS Class of 2020 & Beyond

Four Year Plan				
PERIOD	9 TH	10 TH	11 TH	12 TH
1	English I (1214) or Pre-AP English I (1215)	English II or Pre-AP English II	AP English III or ENGL 1301/1302 DC	AP English IV or ENGL 2322/2323 DC
2	Algebra I (2214) or Pre-AP Geometry (2225)	Geometry or Pre-AP Algebra II	Algebra II or Pre-AP Pre-Calculus or DE	Pre-Calculus or AP Calculus AB/BC
3	Biology (3224) or Pre-AP Biology (3225)	Chemistry or Pre-AP Chemistry	Physics	Anatomy & Physiology
4	AVID (8545) or Elective	World History or Pre-AP World History AP World History	U.S. History or AP U.S. History	AP Govt / AP Eco or GOVT 2305 DC/ ECON 1301 DC
5	Spanish I (5211) or Spanish II (5214)	Spanish II or Spanish III	Entrepreneurship (1cr) Marketing Dynamics DC (2 cr)	Marketing Dynamics I Practicum DC (3 cr)
6	Principles of Business, Marketing & Finance (7301)	Retailing & E-tailing (.5) Advertising Sales & Promotion (.5)		
7	PE (8213)/PE Sub./Elective	Fine Arts Elective		
8	Elective	Elective	Elective	Elective
TOTAL CREDITS	8	8	8	8

Fine Arts Electives	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
Marketing Majors will choose ONE Fine Arts elective	Art I (6411) Theater Arts I (6441) Theatre Prod (6451) Tech Theatre I (6461) Choir I (6621) M Band I (6821/6841) Orchestra I (6651) Mariachi I (6811) Jazz Band I (6651) Dance I (6611)	Art II Theater Arts II Theatre Prod II Tech Theatre II Choir II Marching Band II Orchestra II Mariachi II Jazz Band II Dance II	Art III Theater Arts III Theatre Prod III Tech Theatre III Choir III Marching Band III Orchestra III Mariachi III Jazz Band III Dance III	Art IV Theater Arts IV Theatre Prod IV Tech Theatre IV Choir IV Marching Band IV Orchestra IV Mariachi IV Jazz Band IV Dance IV
PE/PE Substitutes	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
Marketing Majors will choose ONE PE/PE Substitute	M Band I (6821/6841) Dance I (6611) JROTC I (8441) Athletics (83xx) Foundations (8213) Spirit Groups (8151)	Marching Band II Dance II JROTC II Athletics Indiv/Team Sports (8214) Spirit Groups	Marching Band III Dance III JROTC III Athletics Aerobics (8216) PE 3 (8219) Spirit Groups	Marching Band IV Dance IV JROTC IV Athletics Spirit Groups

Spirit Groups Include - Pep Squad, Cheerleading, Drill Team

Additional Electives	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
Marketing Majors may choose from the following electives if schedule allows	World Geo (4214) Journalism (1718) Web Tech (7706) Bus. Info Mgmt. (7302)	Professional Communications DC or Communication Applications DC	Business Management	Social Media Marketing (.5) Global Business (.5) Virtual Business (.5)

Students must meet TSI requirements identified by the Alamo Colleges prior to enrollment in dual credit courses. Advanced Placement courses are available to prepare students for rigorous college coursework. All students will participate in UIL, student leadership and service opportunities while in high school.

DC – Dual Credit DE – Dual Enrollment at UT
AP – Advanced Placement Pre-AP – Pre-Advanced Placement
New Courses/Sequences



Highlands High School Class of 2020

Networking Institute – STEM Endorsement



Network Institute 4-Year Plan

Highlands HS Class of 2020 & Beyond

Four Year Plan				
PERIOD	9 TH	10 TH	11 TH	12 TH
1	English I (1214) or Pre-AP English I (1215)	English II or Pre-AP English II	AP English III or ENGL 1301/1302 DC	AP English IV or ENGL 2322/2323 DC
2	Algebra I (2214) or Pre-AP Geometry (2225)	Geometry or Pre-AP Algebra II	Algebra II or Pre-AP Pre-Calculus or DE	Pre-Calculus or AP Calculus AB/BC
3	Biology (3224) or Pre-AP Biology (3225)	Chemistry or Pre-AP Chemistry	AP Physics or PHYS 2425 DC	AP Environmental Science
4	AVID (8545) or Elective	World History or Pre-AP World History	U.S. History or AP U.S. History	AP Govt / AP Eco or GOVT 2305 DC/ ECON 1301 DC
5	Spanish I (5211) or Spanish II (5214)	Spanish II or Spanish III	Telecommunications & Networking	Computer Technician (3 cr)
6	Principles of Information Technology (7701)	Computer Maintenance	Internetworking Technologies I (2 cr)	
7	PE (8213) /PE Sub./Elective	Fine Arts Elective		
8	Elective	Elective	Elective	Elective
TOTAL CREDITS	8	8	8	8

Fine Arts Electives	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
Networking Majors will choose ONE Fine Arts elective	Art I (6411) Theater Arts I (6441) Theatre Prod (6451) Tech Theatre I (6461) Choir I (6621) M Band I (6821/6841) Orchestra I (6651) Mariachi I (6811) Jazz Band I (6651) Dance I (6611)	Art II Theater Arts II Theatre Prod II Tech Theatre II Choir II Marching Band II Orchestra II Mariachi II Jazz Band II Dance II	Art III Theater Arts III Theatre Prod III Tech Theatre III Choir III Marching Band III Orchestra III Mariachi III Jazz Band III Dance III	Art IV Theater Arts IV Theatre Prod IV Tech Theatre IV Choir IV Marching Band IV Orchestra IV Mariachi IV Jazz Band IV Dance IV

PE/PE Substitutes	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
Networking Majors will choose ONE PE/PE Substitute	M Band I (6821/6841) Dance I (6611) JROTC I (8441) Athletics (83xx) Foundations (8213) Spirit Groups (8151)	Marching Band II Dance II JROTC II Athletics Indiv/Team Sports (8214) Spirit Groups	Marching Band III Dance III JROTC III Athletics Aerobics (8216) PE 3 (8219) Spirit Groups	Marching Band IV Dance IV JROTC IV Athletics Spirit Groups

Spirit Groups Include- Pep Squad, Cheerleading, Drill Team

Additional Electives	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
Networking Majors may choose from the following electives if schedule allows	World Geography (4214)	Professional Communications DC or Communication Applications DC	Web Technologies or Digital & Interactive Media	Geographic Information Systems or Forensic Science

Students must meet TSI requirements identified by the Alamo Colleges prior to enrollment in dual credit courses. Advanced Placement courses are available to prepare students for rigorous college coursework. All students will participate in UIL, student leadership and service opportunities while in high school.

DC – Dual Credit DE – Dual Enrollment at UT
AP – Advanced Placement Pre-AP – Pre-Advanced Placement
New Courses/Sequences



Highlands High School Class of 2020

Plant Science Pathway – Business & Industry Endorsement



Four Year Plan				
PERIOD	9 TH	10 TH	11 TH	12 TH
1	English I (1214) or Pre-AP English I (1215)	English II or Pre-AP English II	AP English III or ENGL 1301/1302 DC	AP English IV or ENGL 2322/2323 DC
2	Algebra I (2214) or Pre-AP Geometry (2225)	Geometry or Pre-AP Algebra II	Algebra II or Pre-AP Pre-Calculus or DE	Pre-Calculus or AP Calculus AB/BC
3	Biology (3224) or Pre-AP Biology (3225)	Chemistry or Pre-AP Chemistry	AP Physics or PHYS 2425 DC	Advanced Plant & Soil Science
4	AVID (8545) or Elective	World History or Pre-AP World History	U.S. History or AP U.S. History	AP Govt / AP Eco or GOVT 2305 DC/ECON 1301 DC
5	Spanish I (5211) or Spanish II (5214)	Spanish II or Spanish III	Elective	Elective
6	Principles of Agriculture, Food & Natural Resources (7033)	Horticulture Science	Organic Sustainable Food Production (2 cr) Floral Design (1 cr)	Practicum in Food & Natural Resources DC (3 cr)
7	PE (8213)/PE Sub./Elective	Fine Arts Elective		
8	Elective	Elective		
TOTAL CREDITS	8	8	8	8

Plant Science Pathway 4-Year Plan

Highlands HS Class of 2020 & Beyond

PE/PE Substitutes	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
Plant Science Majors will choose ONE PE/PE Substitute	M Band I (6821/6841) Dance I (6611) JROTC I (8441) Athletics (83xx) Foundations (8213) Spirit Groups (8151)	Marching Band II Dance II JROTC II Athletics Indiv/Team Sports (8214) Spirit Groups	Marching Band III Dance III JROTC III Athletics Aerobics (8216) PE 3 (8219) Spirit Groups	Marching Band IV Dance IV JROTC IV Athletics Spirit Groups
Fine Arts Electives	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
Plant Science Majors will choose ONE Fine Arts elective	Art I (6411) Theater Arts I (6441) Theatre Prod (6451) Tech Theatre I (6461) Choir I (6621) M Band I (6821/6841) Orchestra I (6651) Mariachi I (6811) Jazz Band I (6651) Dance I (6611)	Art II Theater Arts II Theatre Prod II Tech Theatre II Choir II Marching Band II Orchestra II Mariachi II Jazz Band II Dance II	Art III Theater Arts III Theatre Prod III Tech Theatre III Choir III Marching Band III Orchestra III Mariachi III Jazz Band III Dance III	Art IV Theater Arts IV Theatre Prod IV Tech Theatre IV Choir IV Marching Band IV Orchestra IV Mariachi IV Jazz Band IV Dance IV

Spirit Groups Include - Pep Squad, Cheerleading, Drill Team

Additional Electives	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
Plant Science Majors may choose from the following electives if schedule allows	World Geo (4214) Journalism (1718) Web tTch (7706) Bus. Info Mgmt. (7302)	Professional Communications DC or Communication Applications DC	Business Management	Entrepreneurship

Students must meet TSI requirements identified by the Alamo Colleges prior to enrollment in dual credit courses. Advanced Placement courses are available to prepare students for rigorous college coursework. All students will participate in UIL, student leadership and service opportunities while in high school.

DC – Dual Credit DE – Dual Enrollment at UT
AP – Advanced Placement Pre-AP – Pre-Advanced Placement
New Courses/Sequences



Highlands High School Class of 2020

Teacher Education Pathway – Public Service Endorsement



Four Year Plan				
PERIOD	9 TH	10 TH	11 TH	12 TH
1	English I (1214) or Pre-AP English I (1215)	English II or Pre-AP English II	AP English III or ENGL 1301/1302 DC	AP English IV or ENGL 2322/2323 DC
2	Algebra I (2214) or Pre-AP Geometry (2225)	Geometry or Pre-AP Algebra II	Algebra II or Pre-AP Pre-Calculus or DE	Pre-Calculus or AP Calculus AB/BC
3	Biology (3224) or Pre-AP Biology (3225)	Chemistry or Pre-AP Chemistry	Physics	Anatomy/Physiology
4	AVID (8545) or Elective	World History or Pre-AP World History	U.S. History or AP U.S. History	AP Govt / AP Eco or GOVT 2305 DC/ECON 1301 DC
5	Spanish I (5211) or Spanish II (5214)	Spanish II or Spanish III	Elective	Psychology/Sociology
6	Principles of Education & Training (7402)	Human Growth & Development	Instructional Practices in Education & Training (DC) (2 cr)	Education & Training I Practicum (DC) (3 cr)
7	Fine Arts Elective	Child Development		
8	PE (8213) /PE Sub./Elective	Elective		
TOTAL CREDITS	8	8	8	8

Teacher Education Pathway 4-Year Plan

Highlands HS Class of 2020 & Beyond

PE/PE Substitutes	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
Teacher Education Majors will choose ONE PE/PE Substitute	M Band I (6821/6841) Dance I (6611) JROTC I (8441) Athletics (83xx) Foundations (8213) Spirit Groups (8151)	Marching Band II Dance II JROTC II Athletics Indiv/Team Sports (8214) Spirit Groups	Marching Band III Dance III JROTC III Athletics Aerobics (8216) PE 3 (8219) Spirit Groups	Marching Band IV Dance IV JROTC IV Athletics Spirit Groups
Fine Arts Electives	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
Teacher Education Majors will choose ONE Fine Arts elective	Art I (6411) Theater Arts I (6441) Theatre Prod (6451) Tech Theatre I (6461) Choir I (6621) M Band I (6821/6841) Orchestra I (6651) Mariachi I (6811) Jazz Band I (6651) Dance I (6611)	Art II Theater Arts II Theatre Prod II Tech Theatre II Choir II Marching Band II Orchestra II Mariachi II Jazz Band II Dance II	Art III Theater Arts III Theatre Prod III Tech Theatre III Choir III Marching Band III Orchestra III Mariachi III Jazz Band III Dance III	Art IV Theater Arts IV Theatre Prod IV Tech Theatre IV Choir IV Marching Band IV Orchestra IV Mariachi IV Jazz Band IV Dance IV

Spirit Groups Include - Pep Squad, Cheerleading, Drill Team

Additional Electives	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
Teacher Education Majors may choose from the following electives if schedule allows	World Geo (4214) Journalism (1718) Web Tech (7706) Bus. Info Mgmt. (7302) Dig Inter Media (7702)	Professional Communications DC or Communication Applications DC	Business Information Management I	Web Technologies

Students must meet TSI requirements identified by the Alamo Colleges prior to enrollment in dual credit courses. Advanced Placement courses are available to prepare students for rigorous college coursework. All students will participate in UIL, student leadership and service opportunities while in high school.

DC – Dual Credit DE – Dual Enrollment at UT
AP – Advanced Placement Pre-AP – Pre-Advanced Placement
New Courses/Sequences



Sam Houston High School Class of 2020

Criminal Justice Pathway – Public Service Endorsement



Four Year Plan

PERIOD	9 TH	10 TH	11 TH	12 TH
1	English I (1214) or Pre-AP English I (1215)	English II or Pre-AP English II	AP English III or ENGL 1301/1302 DC	AP English IV or ENGL 2322/2323 DC
2	Algebra I (2214) or Pre-AP Geometry (2225)	Geometry or Pre-AP Algebra II	Algebra II or Pre-AP Pre-Calculus or DE	Pre-Calculus or AP Calculus AB/BC
3	Biology (3224) or Pre-AP Biology (3225)	Chemistry or Pre-AP Chemistry	Physics	Anatomy & Physiology
4	AVID (8545) or Elective	World History or Pre-AP World History AP World History	U.S. History or AP U.S. History	AP Govt / AP Eco or GOVT 2305 DC/ECON 1301 DC
5	Spanish I (5211) or Spanish II (5214)	Spanish II or Spanish III	AP Psychology	Forensic Science
6	Principles of Law, Public Safety, Corrections & Security (7532)	Court Systems and Practices	Law Enforcement I (DC) (2 cr)	Law Enforcement II (DC) (2 cr)
7	PE (8213) /PE Sub./Elective	Fine Arts Elective		
8	Elective	Elective	Elective	Elective
TOTAL CREDITS	8	8	8	8

Criminal Justice Pathway 4-Year Plan

Sam Houston HS Class of 2020 & Beyond

Fine Arts Electives	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
Criminal Justice Majors will choose ONE Fine Arts elective	Art I (6411) Theater Arts I (6441) Theatre Prod (6451) Tech Theatre I (6461) Choir I (6621) M Band I (6821/6841) Orchestra I (6651) Mariachi I (6811) Jazz Band I (6651) Dance I (6611)	Art II Theater Arts II Theatre Prod II Tech Theatre II Choir II Marching Band II Orchestra II Mariachi II Jazz Band II Dance II	Art III Theater Arts III Theatre Prod III Tech Theatre III Choir III Marching Band III Orchestra III Mariachi III Jazz Band III Dance III	Art IV Theater Arts IV Theatre Prod IV Tech Theatre IV Choir IV Marching Band IV Orchestra IV Mariachi IV Jazz Band IV Dance IV

Spirit Groups Include- Pep Squad, Cheerleading, Drill Team

PE/PE Substitutes	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
Criminal Justice Majors will choose ONE PE/PE Substitute	M Band I (6821/6841) Dance I (6611) JROTC I (8441) Athletics (83xx) Foundations (8213) Spirit Groups (8151)	Marching Band II Dance II JROTC II Athletics Indiv/Team Sports (8214) Spirit Groups	Marching Band III Dance III JROTC III Athletics Aerobics (8216) PE 3 (8219) Spirit Groups	Marching Band IV Dance IV JROTC IV Athletics Spirit Groups
Additional Electives	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
Criminal Justice Majors may choose from the following electives if schedule allows	World Geo (4214) Journalism (1718) Web Tech (7706) Bus. Info Mgmt. (7302)	Professional Communications DC or Communication Applications DC	Legal Research & Writing	Emergency Medical Technician – Basic

Students must meet TSI requirements identified by the Alamo Colleges prior to enrollment in dual credit courses. Advanced Placement courses are available to prepare students for rigorous college coursework. All students will participate in UIL, student leadership and service opportunities while in high school.

DC – Dual Credit DE – Dual Enrollment at UT
AP – Advanced Placement Pre-AP – Pre-Advanced Placement
New Courses/Sequences



Sam Houston High School Class of 2020

Computer Science Institute – STEM Endorsement



Four Year Plan				
PERIOD	9 TH	10 TH	11 TH	12 TH
1	English I (1214) or Pre-AP English I (1215)	English II or Pre-AP English II	AP English III or ENGL 1301/1302 DC	AP English IV or ENGL 2322/2323 DC
2	Algebra I (2214) or Pre-AP Geometry (2225)	Geometry or Pre-AP Algebra II	Algebra II or Pre-AP Pre-Calculus or DE	Pre-Calculus or AP Calculus AB/BC
3	Biology (3224) or Pre-AP Biology (3225)	Chemistry or Pre-AP Chemistry	AP Physics or PHYS 2425 DC	Forensic Science
4	AVID (8545) or Elective	World History or Pre-AP World History	U.S. History or AP U.S. History	AP Govt / AP Eco or GOVT 2305 DC/ ECON 1301 DC
5	Spanish I (5211) or Spanish II (5214)	Spanish II or Spanish III	AP Psychology/ AP Sociology	Artificial Intelligence (.5) PLTW Cybersecurity (.5) PLTW
6	PE (8213) /PE Sub./Elective	Fine Arts Elective	Digital & Interactive Media	Computational Problem Solving PLTW Robotics & Automation (2)
7	Intro Computer Science (.5) PLTW Modern Physics (.5)	Computer Science & Software Engineering PLTW	Computer Science Applications PLTW	
8	Elective	Elective	Elective	Elective
TOTAL CREDITS	8	8	8	8

Fine Arts Electives	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
Computer Science Majors will choose ONE Fine Arts elective	Art I (6411) Theater Arts I (6441) Theatre Prod (6451) Tech Theatre I (6461) Choir I (6621) M Band I (6821/6841) Orchestra I (6651) Mariachi I (6811) Jazz Band I (6651) Dance I (6611)	Art II Theater Arts II Theatre Prod II Tech Theatre II Choir II Marching Band II Orchestra II Mariachi II Jazz Band II Dance II	Art III Theater Arts III Theatre Prod III Tech Theatre III Choir III Marching Band III Orchestra III Mariachi III Jazz Band III Dance III	Art IV Theater Arts IV Theatre Prod IV Tech Theatre IV Choir IV Marching Band IV Orchestra IV Mariachi IV Jazz Band IV Dance IV
PE/PE Substitutes	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
Computer Science Majors will choose ONE PE/PE Substitute	M Band I (6821/6841) Dance I (6611) JROTC I (8441) Athletics (83xx) Foundations (8213) Spirit Groups (8151)	Marching Band II Dance II JROTC II Athletics Indiv/Team Sports (8214) Spirit Groups	Marching Band III Dance III JROTC III Athletics Aerobics (8216) PE 3 (8219) Spirit Groups	Marching Band IV Dance IV JROTC IV Athletics Spirit Groups

Spirit Groups Include - Pep Squad, Cheerleading, Drill Team

Additional Electives	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
Computer Science Majors may choose from the following electives if schedule allows	World Geography (4214)	Professional Communications DC or Communication Applications DC	Scientific Research & Design	Simulation & Modeling (.5) (PLTW)

Students must meet TSI requirements identified by the Alamo Colleges prior to enrollment in dual credit courses. Advanced Placement courses are available to prepare students for rigorous college coursework. All students will participate in UIL, student leadership and service opportunities while in high school.

DC – Dual Credit DE – Dual Enrollment at UT
AP – Advanced Placement Pre-AP – Pre-Advanced Placement
New Courses/Sequences

Computer Science Institute 4-Year Plan

Sam Houston HS Class of 2020 & Beyond



Sam Houston High School 2020

Construction Technology Pathway – Business & Industry Endorsement



Four Year Plan

PERIOD	9 th	10 th	11 th	12 th
1	English I (1214) or Pre-AP English I (1215)	English II or Pre-AP English II	AP English III or ENGL 1301/1302 DC	AP English IV or ENGL 2322/2323 DC
2	Algebra I (2214) or Pre-AP Geometry (2225)	Geometry or Pre-AP Algebra II	Algebra II or Pre-AP Pre-Calculus or DE	Pre-Calculus or AP Calculus AB/BC
3	Biology (3224) or Pre-AP Biology (3225)	Chemistry or Pre-AP Chemistry	Physics	Environmental Science
4	AVID (8545) or Elective	World History or Pre-AP World History AP World History	U.S. History or AP U.S. History	AP Govt / AP Eco or GOVT 2305 DC/ ECON 1301 DC
5	Spanish I (5211) or Spanish II (5214)	Spanish II or Spanish III	Advanced Construction Management DC (3 cr)	Advanced Construction Technology DC (3 cr)
6	Principles of Architecture & Construction (7110)	Construction Management (1 cr) Construction Technology (1 cr)		
7	PE (8213) /PE Sub./Elective			
8	Elective	Fine Arts Elective	Elective	Elective
TOTAL CREDITS	8	8	8	8

PE/PE Substitutes	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
Construction Technology Majors will choose ONE PE/PE Substitute	M Band I (6821/6841) Dance I (6611) JROTC I (8441) Athletics (83xx) Foundations (8213) Spirit Groups (8151)	Marching Band II Dance II JROTC II Athletics Indiv/Team Sports (8214) Spirit Groups	Marching Band III Dance III JROTC III Athletics Aerobics (8216) PE 3 (8219) Spirit Groups	Marching Band IV Dance IV JROTC IV Athletics Spirit Groups
Fine Arts Electives	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
Construction Technology Majors will choose ONE Fine Arts elective	Art I (6411) Theater Arts I (6441) Theatre Prod (6451) Tech Theatre I (6461) Choir I (6621) M Band I (6821/6841) Orchestra I (6651) Mariachi I (6811) Jazz Band I (6651) Dance I (6611)	Art II Theater Arts II Theatre Prod II Tech Theatre II Choir II Marching Band II Orchestra II Mariachi II Jazz Band II Dance II	Art III Theater Arts III Theatre Prod III Tech Theatre III Choir III Marching Band III Orchestra III Mariachi III Jazz Band III Dance III	Art IV Theater Arts IV Theatre Prod IV Tech Theatre IV Choir IV Marching Band IV Orchestra IV Mariachi IV Jazz Band IV Dance IV

Spirit Groups Include - Pep Squad, Cheerleading, Drill Team

Additional Electives	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
Construction Technology Majors may choose from the following electives if schedule allows	World Geo (4214) Journalism (1718) Web Tech (7706) Bus. Info Mgmt. (7302)	Professional Communications DC or Communication Applications DC	Building Maintenance Technology	Electrical Technology

Students must meet TSI requirements identified by the Alamo Colleges prior to enrollment in dual credit courses. Advanced Placement courses are available to prepare students for rigorous college coursework. All students will participate in UIL, student leadership and service opportunities while in high school.

DC – Dual Credit DE – Dual Enrollment at UT
AP – Advanced Placement Pre-AP – Pre-Advanced Placement
New Courses/Sequences

Construction Technology Pathway 4-Year Plan

Sam Houston HS Class of 2020 & Beyond



Sam Houston High School Class of 2020

Cosmetology Pathway – Public Service Endorsement



Four Year Plan				
PERIOD	9 TH	10 TH	11 TH	12 TH
1	English I (1214) or Pre-AP English I (1215)	English II or Pre-AP English II	AP English III or ENGL 1301/1302 DC	AP English IV or ENGL 2322/2323 DC
2	Algebra I (2214) or Pre-AP Geometry (2225)	Geometry or Pre-AP Algebra II	Algebra II or Pre-AP Pre-Calculus or DE	Pre-Calculus or AP Calculus AB/BC
3	Biology (3224) or Pre-AP Biology (3225)	Chemistry or Pre-AP Chemistry	Physics	Anatomy & Physiology
4	AVID (8545) or Elective	World History or Pre-AP World History AP World History	U.S. History or AP U.S. History	AP Govt / AP Eco or GOVT 2305 DC/ ECON 1301 DC
5	Spanish I (5211) or Spanish II (5214)	Spanish II or Spanish III	Cosmetology II DC (3 cr)	Practicum in Human Services DC (3 cr)
6	Introduction to Cosmetology (7474)	Cosmetology I (2 cr)		
7	PE (8213)/PE Sub./Elective			
8	Elective	Fine Arts Elective	Elective	Elective
TOTAL CREDITS	8	8	8	8

PE/PE Substitutes	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
Cosmetology Majors will choose ONE PE/PE Substitute	M Band I (6821/6841) Dance I (6611) JROTC I (8441) Athletics (83xx) Foundations (8213) Spirit Groups (8151)	Marching Band II Dance II JROTC II Athletics Indiv/Team Sports (8214) Spirit Groups	Marching Band III Dance III JROTC III Athletics Aerobics (8216) PE 3 (8219) Spirit Groups	Marching Band IV Dance IV JROTC IV Athletics Spirit Groups
Fine Arts Electives	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
Cosmetology Majors will choose ONE Fine Arts elective	Art I (6411) Theater Arts I (6441) Theatre Prod (6451) Tech Theatre I (6461) Choir I (6621) M Band I (6821/6841) Orchestra I (6651) Mariachi I (6811) Jazz Band I (6651) Dance I (6611)	Art II Theater Arts II Theatre Prod II Tech Theatre II Choir II Marching Band II Orchestra II Mariachi II Jazz Band II Dance II	Art III Theater Arts III Theatre Prod III Tech Theatre III Choir III Marching Band III Orchestra III Mariachi III Jazz Band III Dance III	Art IV Theater Arts IV Theatre Prod IV Tech Theatre IV Choir IV Marching Band IV Orchestra IV Mariachi IV Jazz Band IV Dance IV

Spirit Groups Include - Pep Squad, Cheerleading, Drill Team

Additional Electives	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
Cosmetology Majors may choose from the following electives if schedule allows	World Geo (4214) Journalism (1718) Web Tech (7706) Bus. Info Mgmt. (7302)	Professional Communications DC or Communication Applications DC	Business Management	Entrepreneurship

Students must meet TSI requirements identified by the Alamo Colleges prior to enrollment in dual credit courses. Advanced Placement courses are available to prepare students for rigorous college coursework. All students will participate in UIL, student leadership and service opportunities while in high school.

DC – Dual Credit DE – Dual Enrollment at UT
AP – Advanced Placement Pre-AP – Pre-Advanced Placement
New Courses/Sequences

Cosmetology Pathway 4-Year Plan

Sam Houston HS Class of 2020 & Beyond



Sam Houston High School Class of 2020

Culinary Pathway – Business & Industry Endorsement



	Four Year Plan			
PERIOD	9 TH	10 TH	11 TH	12 TH
1	English I (1214) or Pre-AP English I (1215)	English II or Pre-AP English II	AP English III or ENGL 1301/1302 DC	AP English IV or ENGL 2322/2323 DC
2	Algebra I (2214) or Pre-AP Geometry (2225)	Geometry or Pre-AP Algebra II	Algebra II or Pre-AP Pre-Calculus or DE	Pre-Calculus or AP Calculus AB/BC
3	Biology (3224) or Pre-AP Biology (3225)	Chemistry or Pre-AP Chemistry	Physics	Food Science
4	AVID (8545) or Elective	World History or Pre-AP World History AP World History	U.S. History or AP U.S. History	AP Govt / AP Eco or GOVT 2305 DC/ECON 1301 DC
5	Spanish I (5211) or Spanish II (5214)	Spanish II or Spanish III	Practicum in Culinary Arts DC (3 cr)	Practicum in Culinary Arts II DC (3 cr)
6	Principles of Hospitality & Tourism (7426)	Culinary Arts (2 cr)		
7	PE (8213) /PE Sub./Elective			
8	Elective	Fine Arts Elective	Elective	Elective
TOTAL CREDITS	8	8	8	8

Culinary Pathway 4-Year Plan

Sam Houston HS Class of 2020 & Beyond

Fine Arts Electives	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
Culinary Majors will choose ONE Fine Arts elective	Art I (6411) Theater Arts I (6441) Theatre Prod (6451) Tech Theatre I (6461) Choir I (6621) M Band I (6821/6841) Orchestra I (6651) Mariachi I (6811) Jazz Band I (6651) Dance I (6611)	Art II Theater Arts II Theatre Prod II Tech Theatre II Choir II Marching Band II Orchestra II Mariachi II Jazz Band II Dance II	Art III Theater Arts III Theatre Prod III Tech Theatre III Choir III Marching Band III Orchestra III Mariachi III Jazz Band III Dance III	Art IV Theater Arts IV Theatre Prod IV Tech Theatre IV Choir IV Marching Band IV Orchestra IV Mariachi IV Jazz Band IV Dance IV

PE/PE Substitutes	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
Culinary Majors will choose ONE PE/PE Substitute	M Band I (6821/6841) Dance I (6611) JROTC I (8441) Athletics (83xx) Foundations (8213) Spirit Groups (8151)	Marching Band II Dance II JROTC II Athletics Indiv/Team Sports (8214) Spirit Groups	Marching Band III Dance III JROTC III Athletics Aerobics (8216) PE 3 (8219) Spirit Groups	Marching Band IV Dance IV JROTC IV Athletics Spirit Groups

Spirit Groups Include - Pep Squad, Cheerleading, Drill Team

Additional Electives	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
Culinary Majors may choose from the following electives if schedule allows	World Geo (4214) Journalism (1718) Web Tech (7706) Bus. Info Mgmt. (7302)	Professional Communications DC or Communication Applications DC	Business Management	Entrepreneurship

Students must meet TSI requirements identified by the Alamo Colleges prior to enrollment in dual credit courses. Advanced Placement courses are available to prepare students for rigorous college coursework. All students will participate in UIL, student leadership and service opportunities while in high school.

DC – Dual Credit DE – Dual Enrollment at UT
AP – Advanced Placement Pre-AP – Pre-Advanced Placement
New Courses/Sequences



Sam Houston High School Class of 2020

Engineering Design Institute – STEM Endorsement



Four Year Plan				
PERIOD	9 TH	10 TH	11 TH	12 TH
1	English I (1214) or Pre-AP English I (1215)	English II or Pre-AP English II	AP English III or ENGL 1301/1302 DC	AP English IV or ENGL 2322/2323 DC
2	Algebra I (2214) or Pre-AP Geometry (2225)	Geometry or Pre-AP Algebra II	Algebra II or Pre-AP Pre-Calculus or DE	Pre-Calculus or AP Calculus AB/BC
3	Biology (3224) or Pre-AP Biology (3225)	Chemistry or Pre-AP Chemistry	AP Physics or PHYS 2425 DC	AP Environmental Science
4	AVID (8545) or Elective	World History or Pre-AP World History	U.S. History or AP U.S. History	AP Govt / AP Eco or GOVT 2305 DC/ ECON 1301 DC
5	Spanish I (5211) or Spanish II (5214)	Spanish II or Spanish III	Elective	Elective
6	Concepts of Engineering & Technology (7826)	Biotechnology	Engineering Design & Presentation (1 cr) Robotics & Automation (2 cr)	Advanced Engineering Design & Presentation DC (3 cr)
7	PE (8213)/PE Sub./Elective	Fine Arts Elective		
8	Elective	Elective		
TOTAL CREDITS	8	8	8	8

Engineering Design Institute 4-Year Plan

Sam Houston HS Class of 2020 & Beyond

Fine Arts Electives	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
Engineering Majors will choose ONE Fine Arts elective	Art I (6411) Theater Arts I (6441) Theatre Prod (6451) Tech Theatre I (6461) Choir I (6621) M Band I (6821/6841) Orchestra I (6651) Mariachi I (6811) Jazz Band I (6651) Dance I (6611)	Art II Theater Arts II Theatre Prod II Tech Theatre II Choir II Marching Band II Orchestra II Mariachi II Jazz Band II Dance II	Art III Theater Arts III Theatre Prod III Tech Theatre III Choir III Marching Band III Orchestra III Mariachi III Jazz Band III Dance III	Art IV Theater Arts IV Theatre Prod IV Tech Theatre IV Choir IV Marching Band IV Orchestra IV Mariachi IV Jazz Band IV Dance IV

PE/PE Substitutes	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
Engineering Majors will choose ONE PE/PE Substitute	M Band I (6821/6841) Dance I (6611) JROTC I (8441) Athletics (83xx) Foundations (8213) Spirit Groups (8151)	Marching Band II Dance II JROTC II Athletics Indiv/Team Sports (8214) Spirit Groups	Marching Band III Dance III JROTC III Athletics Aerobics (8216) PE 3 (8219) Spirit Groups	Marching Band IV Dance IV JROTC IV Athletics Spirit Groups

Spirit Groups Include - Pep Squad, Cheerleading, Drill Team

Additional Electives	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
Engineering Majors may choose from the following electives if schedule allows	World Geography (4214)	Professional Communications DC or Communication Applications DC	Advanced Biotechnology	Engineering Mathematics or Scientific Research & Design

Students must meet TSI requirements identified by the Alamo Colleges prior to enrollment in dual credit courses. Advanced Placement courses are available to prepare students for rigorous college coursework. All students will participate in UIL, student leadership and service opportunities while in high school.

DC – Dual Credit DE – Dual Enrollment at UT
AP – Advanced Placement Pre-AP – Pre-Advanced Placement
Placement New Courses/Sequences



Sam Houston High School Class of 2020

Manufacturing Pathway– STEM Endorsement



Four Year Plan

PERIOD	9 TH	10 TH	11 TH	12 TH
1	English I (1214) or Pre-AP English I (1215)	English II or Pre-AP English II	AP English III or ENGL 1301/1302 DC	AP English IV or ENGL 2322/2323 DC
2	Algebra I (2214) or Pre-AP Geometry (2225)	Geometry or Pre-AP Algebra II	Algebra II or Pre-AP Pre-Calculus or DE	Pre-Calculus or AP Calculus AB/BC
3	Biology (3224) or Pre-AP Biology (3225)	Chemistry or Pre-AP Chemistry	Physics	Scientific Research & Design DC
4	AVID (8545) or Elective	World History or Pre-AP World History AP World History	U.S. History or AP U.S. History	AP Govt / AP Eco or GOVT 2305 DC/ ECON 1301 DC
5	Spanish I (5211) or Spanish II (5214)	Spanish II or Spanish III	Advanced Welding (2 cr) Precision Metal Manufacturing (1 cr)	Manufacturing Engineering (DC) (3 cr)
6	Principles of Manufacturing (7801)	Welding		
7	PE (8213) /PE Sub./Elective	Fine Arts Elective		
8	Elective	Elective	Elective	Elective
TOTAL CREDITS	8	8	8	8

Fine Arts Electives	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
Manufacturing Majors will choose ONE Fine Arts elective	Art I (6411) Theater Arts I (6441) Theatre Prod (6451) Tech Theatre I (6461) Choir I (6621) M Band I (6821/6841) Orchestra I (6651) Mariachi I (6811) Jazz Band I (6651) Dance I (6611)	Art II Theater Arts II Theatre Prod II Tech Theatre II Choir II Marching Band II Orchestra II Mariachi II Jazz Band II Dance II	Art III Theater Arts III Theatre Prod III Tech Theatre III Choir III Marching Band III Orchestra III Mariachi III Jazz Band III Dance III	Art IV Theater Arts IV Theatre Prod IV Tech Theatre IV Choir IV Marching Band IV Orchestra IV Mariachi IV Jazz Band IV Dance IV

PE/PE Substitutes	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
Manufacturing Majors will choose ONE PE/PE Substitute	M Band I (6821/6841) Dance I (6611) JROTC I (8441) Athletics (83xx) Foundations (8213) Spirit Groups (8151)	Marching Band II Dance II JROTC II Athletics Indiv/Team Sports (8214) Spirit Groups	Marching Band III Dance III JROTC III Athletics Aerobics (8216) PE 3 (8219) Spirit Groups	Marching Band IV Dance IV JROTC IV Athletics Spirit Groups

Spirit Groups Include - Pep Squad, Cheerleading, Drill Team

Additional Electives	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
Manufacturing Majors may choose from the following electives if schedule allows	World Geo (4214) Journalism (1718) Web Tech (7706) Bus. Info Mgmt. (7302)	Professional Communications DC or Communication Applications DC	Occupational Safety & Environmental Technology I	Occupational Safety & Environmental Technology II

Students must meet TSI requirements identified by the Alamo Colleges prior to enrollment in dual credit courses. Advanced Placement courses are available to prepare students for rigorous college coursework. All students will participate in UIL, student leadership and service opportunities while in high school.

DC – Dual Credit DE – Dual Enrollment at UT
AP – Advanced Placement Pre-AP – Pre-Advanced Placement
New Courses/Sequences

Manufacturing Pathway 4-Year Plan

Sam Houston HS Class of 2020 & Beyond



Sam Houston High School Class of 2020

Media Pathway – Business & Industry Endorsement



Four Year Plan				
PERIOD	9 TH	10 TH	11 TH	12 TH
1	English I (1214) or Pre-AP English I (1215)	English II or Pre-AP English II	AP English III or ENGL 1301/1302 DC	AP English IV or ENGL 2322/2323 DC
2	Algebra I (2214) or Pre-AP Geometry (2225)	Geometry or Pre-AP Algebra II	Algebra II or Pre-AP Pre-Calculus or DE	Pre-Calculus or AP Calculus AB/BC
3	Biology (3224) or Pre-AP Biology (3225)	Chemistry or Pre-AP Chemistry	Physics	Anatomy & Physiology
4	AVID (8545) or Elective	World History or Pre-AP World History AP World History	U.S. History or AP U.S. History	AP Govt / AP Eco or GOVT 2305 DC/ ECON 1301 DC
5	Spanish I (5211) or Spanish II (5214)	Spanish II or Spanish III	Advanced Audio/Video Production DC (3 cr)	Audio/Video Production I Practicum DC (3 cr)
6	Principles of Arts, Audio/Video Technology (7212)	Audio/Video Production		
7	PE (8213) /PE Sub./Elective	Fine Arts Elective		
8	Elective	Elective	Elective	Video Game Design I
TOTAL CREDITS	8	8	8	8

Media Pathway 4-Year Plan

Fine Arts Electives	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
Media Majors will choose ONE Fine Arts elective	Art I (6411) Theater Arts I (6441) Theatre Prod (6451) Tech Theatre I (6461) Choir I (6621) M Band I (6821/6841) Orchestra I (6651) Mariachi I (6811) Jazz Band I (6651) Dance I (6611)	Art II Theater Arts II Theatre Prod II Tech Theatre II Choir II Marching Band II Orchestra II Mariachi II Jazz Band II Dance II	Art III Theater Arts III Theatre Prod III Tech Theatre III Choir III Marching Band III Orchestra III Mariachi III Jazz Band III Dance III	Art IV Theater Arts IV Theatre Prod IV Tech Theatre IV Choir IV Marching Band IV Orchestra IV Mariachi IV Jazz Band IV Dance IV
PE/PE Substitutes	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
Media Majors will choose ONE PE/PE Substitute	M Band I (6821/6841) Dance I (6611) JROTC I (8441) Athletics (83xx) Foundations (8213) Spirit Groups (8151)	Marching Band II Dance II JROTC II Athletics Indiv/Team Sports (8214) Spirit Groups	Marching Band III Dance III JROTC III Athletics Aerobics (8216) PE 3 (8219) Spirit Groups	Marching Band IV Dance IV JROTC IV Athletics Spirit Groups

Spirit Groups Include - Pep Squad, Cheerleading, Drill Team

Additional Electives	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
Media Majors may choose from the following electives if schedule allows	World Geo (4214) Journalism (1718) Web Tech (7706) Bus. Info Mgmt. (7302)	Professional Communications DC or Communication Applications DC	Business Management	Entrepreneurship

Students must meet TSI requirements identified by the Alamo Colleges prior to enrollment in dual credit courses. Advanced Placement courses are available to prepare students for rigorous college coursework. All students will participate in UIL, student leadership and service opportunities while in high school.

DC – Dual Credit DE – Dual Enrollment at UT
AP – Advanced Placement Pre-AP – Pre-Advanced Placement
New Courses/Sequences

Sam Houston HS Class of 2020 & Beyond



Jefferson High School Class of 2020

Animation Pathway – Business & Industry Endorsement



PERIOD	Four Year Plan			
	9 TH	10 TH	11 TH	12 TH
1	English I (1214) or Pre-AP English I (1215)	English II or Pre-AP English II	AP English III or ENGL 1301/1302 DC	AP English IV or ENGL 2322/2323 DC
2	Algebra I (2214) or Pre-AP Geometry (2225)	Geometry or Pre-AP Algebra II	Algebra II or Pre-AP Pre-Calculus or DE	Pre-Calculus or AP Calculus AB/BC
3	Biology (3224) or Pre-AP Biology (3225)	Chemistry or Pre-AP Chemistry	Physics	Anatomy & Physiology
4	AVID (8545) or Elective	World History or Pre-AP World History AP World History	U.S. History or AP U.S. History	AP Govt / AP Eco or GOVT 2305 DC/ECON 1301 DC
5	Spanish I (5211) or Spanish II (5214)	Spanish II or Spanish III	Advanced Animation DC (3 cr)	Audio/Video Production I Practicum DC (3 cr)
6	Principles of Arts, Audio/Video Technology (7212)	Animation		
7	PE (8213) /PE Sub./Elective	Fine Arts Elective		
8	Elective	Elective	Elective	Video Game Design I
TOTAL CREDITS	8	8	8	8

Animation Pathway 4-Year Plan

Jefferson HS Class of 2020 & Beyond

Fine Arts Electives	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
Animation Majors will choose ONE Fine Arts elective	Art I (6411) Theater Arts I (6441) Theatre Prod (6451) Tech Theatre I (6461) Choir I (6621) M Band I (6821/6841) Orchestra I (6651) Mariachi I (6811) Jazz Band I (6651) Dance I (6611)	Art II Theater Arts II Theatre Prod II Tech Theatre II Choir II Marching Band II Orchestra II Mariachi II Jazz Band II Dance II	Art III Theater Arts III Theatre Prod III Tech Theatre III Choir III Marching Band III Orchestra III Mariachi III Jazz Band III Dance III	Art IV Theater Arts IV Theatre Prod IV Tech Theatre IV Choir IV Marching Band IV Orchestra IV Mariachi IV Jazz Band IV Dance IV

PE/PE Substitutes	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
Animation Majors will choose ONE PE/PE Substitute	M Band I (6821/6841) Dance I (6611) JROTC I (8441) Athletics (83xx) Foundations (8213) Spirit Groups (8151)	Marching Band II Dance II JROTC II Athletics Indiv/Team Sports (8214) Spirit Groups	Marching Band III Dance III JROTC III Athletics Aerobics (8216) PE 3 (8219) Spirit Groups	Marching Band IV Dance IV JROTC IV Athletics Spirit Groups

Spirit Groups Include - Pep Squad, Cheerleading, Drill Team

Additional Electives	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
Animation Majors may choose from the following electives if schedule allows	World Geo (4214) Journalism (1718) Web Tech (7706) Bus. Info Tech (7302) Art I, Art & Media Communication I (6511)	Professional Communications DC or Communication Applications DC Art II, Sculpture	Art II- Digital Art & Media I	Art III- Digital Art & Media II

Students must meet TSI requirements identified by the Alamo Colleges prior to enrollment in dual credit courses. Advanced Placement courses are available to prepare students for rigorous college coursework. All students will participate in UIL, student leadership and service opportunities while in high school.

DC – Dual Credit DE – Dual Enrollment at UT
AP – Advanced Placement Pre-AP – Pre-Advanced Placement
New Courses/Sequences



Jefferson High School Class of 2020

Architecture Pathway – Business & Industry Endorsement



Four Year Plan				
PERIOD	9 TH	10 TH	11 TH	12 TH
1	English I (1214) or Pre-AP English I (1215)	English II or Pre-AP English II	AP English III or ENGL 1301/1302 DC	AP English IV or ENGL 2322/2323 DC
2	Algebra I (2214) or Pre-AP Geometry (2225)	Geometry or Pre-AP Algebra II	Algebra II or Pre-AP Pre-Calculus or DE	Pre-Calculus or AP Calculus AB/BC
3	Biology (3224) or Pre-AP Biology (3225)	Chemistry or Pre-AP Chemistry	AP Physics or PHYS 2425 DC	AP Environmental Science
4	AVID (8545) or Elective	World History or Pre-AP World History	U.S. History or AP U.S. History	AP Govt / AP Eco or GOVT 2305 DC/ECON 1301 DC
5	Spanish I (5211) or Spanish II (5214)	Spanish II or Spanish III	Advanced Architectural Design DC (3 cr)	Architectural Design Practicum DC (3 cr)
6	Principles of Architecture & Construction (7110)	Architectural Design		
7	PE (8213) /PE Sub./Elective	Fine Arts Elective		
8	Elective	Elective	Elective	Elective
TOTAL CREDITS	8	8	8	8

Architecture Pathway 4-Year Plan

Jefferson HS Class of 2020 & Beyond

Fine Arts Electives	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
Architecture Majors will choose ONE Fine Arts elective	Art I (6411) Theater Arts I (6441) Theatre Prod (6451) Tech Theatre I (6461) Choir I (6621) M Band I (6821/6841) Orchestra I (6651) Mariachi I (6811) Jazz Band I (6651) Dance I (6611)	Art II Theater Arts II Theatre Prod II Tech Theatre II Choir II Marching Band II Orchestra II Mariachi II Jazz Band II Dance II	Art III Theater Arts III Theatre Prod III Tech Theatre III Choir III Marching Band III Orchestra III Mariachi III Jazz Band III Dance III	Art IV Theater Arts IV Theatre Prod IV Tech Theatre IV Choir IV Marching Band IV Orchestra IV Mariachi IV Jazz Band IV Dance IV

PE/PE Substitutes	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
Architecture Majors will choose ONE PE/PE Substitute	M Band I (6821/6841) Dance I (6611) JROTC I (8441) Athletics (83xx) Foundations (8213) Spirit Groups (8151)	Marching Band II Dance II JROTC II Athletics Indiv/Team Sports (8214) Spirit Groups	Marching Band III Dance III JROTC III Athletics Aerobics (8216) PE 3 (8219) Spirit Groups	Marching Band IV Dance IV JROTC IV Athletics Spirit Groups

Spirit Groups Include - Pep Squad, Cheerleading, Drill Team

Additional Electives	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
Architecture Majors may choose from the following electives if schedule allows	World Geo (4214) Journalism (1718) Web Tech (7706) Bus. Info Tech (7302)	Professional Communications DC or Communication Applications DC	Construction Management	Scientific Research & Design

Students must meet TSI requirements identified by the Alamo Colleges prior to enrollment in dual credit courses. Advanced Placement courses are available to prepare students for rigorous college coursework. All students will participate in UIL, student leadership and service opportunities while in high school.

DC – Dual Credit DE – Dual Enrollment at UT
AP – Advanced Placement Pre-AP – Pre-Advanced Placement
New Courses/Sequences



Jefferson High School Class of 2020

Criminal Justice Pathway – Public Service Endorsement



Four Year Plan				
PERIOD	9 TH	10 TH	11 TH	12 TH
1	English I (1214) or Pre-AP English I (1215)	English II or Pre-AP English II	AP English III or ENGL 1301/1302 DC	AP English IV or ENGL 2322/2323 DC
2	Algebra I (2214) or Pre-AP Geometry (2225)	Geometry or Pre-AP Algebra II	Algebra II or Pre-AP Pre-Calculus or DE	Pre-Calculus or AP Calculus AB/BC
3	Biology (3224) or Pre-AP Biology (3225)	Chemistry or Pre-AP Chemistry	Physics	Anatomy & Physiology
4	AVID (8545) or Elective	World History or Pre-AP World History AP World History	U.S. History or AP U.S. History	AP Govt / AP Eco or GOVT 2305 DC/ ECON 1301 DC
5	Spanish I (5211) or Spanish II (5214)	Spanish II or Spanish III	AP Psychology	Forensic Science
6	Principles of Law, Public Safety, Corrections & Security (7532)	Court Systems and Practices	Law Enforcement I (DC) (2 cr)	Law Enforcement II (DC) (2 cr)
7	PE (8213) /PE Sub./Elective	Fine Arts Elective		
8	Elective	Elective	Elective	Elective
TOTAL CREDITS	8	8	8	8

Criminal Justice Pathway 4-Year Plan

Jefferson HS Class of 2020 & Beyond

Fine Arts Electives	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
Criminal Justice Majors will choose ONE Fine Arts elective	Art I (6411) Theater Arts I (6441) Theatre Prod (6451) Tech Theatre I (6461) Choir I (6621) M Band I (6821/6841) Orchestra I (6651) Mariachi I (6811) Jazz Band I (6651) Dance I (6611)	Art II Theater Arts II Theatre Prod II Tech Theatre II Choir II Marching Band II Orchestra II Mariachi II Jazz Band II Dance II	Art III Theater Arts III Theatre Prod III Tech Theatre III Choir III Marching Band III Orchestra III Mariachi III Jazz Band III Dance III	Art IV Theater Arts IV Theatre Prod IV Tech Theatre IV Choir IV Marching Band IV Orchestra IV Mariachi IV Jazz Band IV Dance IV

PE/PE Substitutes	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
Criminal Justice Majors will choose ONE PE/PE Substitute	M Band I (6821/6841) Dance I (6611) JROTC I (8441) Athletics (83xx) Foundations (8213) Spirit Groups (8151)	Marching Band II Dance II JROTC II Athletics Indiv/Team Sports (8214) Spirit Groups	Marching Band III Dance III JROTC III Athletics Aerobics (8216) PE 3 (8219) Spirit Groups	Marching Band IV Dance IV JROTC IV Athletics Spirit Groups

Spirit Groups Include - Pep Squad, Cheerleading, Drill Team

Additional Electives	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
Criminal Justice Majors may choose from the following electives if schedule allows	World Geo (4214) Journalism (1718) Web Tech (7706) Bus. Info Tech (7302)	Professional Communications DC or Communication Applications DC	Legal Research & Writing	Emergency Medical Technician – Basic

Students must meet TSI requirements identified by the Alamo Colleges prior to enrollment in dual credit courses. Advanced Placement courses are available to prepare students for rigorous college coursework. All students will participate in UIL, student leadership and service opportunities while in high school.

DC – Dual Credit DE – Dual Enrollment at UT
AP – Advanced Placement Pre-AP – Pre-Advanced Placement
New Courses/Sequences



Jefferson High School Class of 2020

Computer Science Pathway – STEM Endorsement



Four Year Plan				
PERIOD	9 TH	10 TH	11 TH	12 TH
1	English I (1214) or Pre-AP English I (1215)	English II or Pre-AP English II	AP English III or ENGL 1301/1302 DC	AP English IV or ENGL 2322/2323 DC
2	Algebra I (2214) or Pre-AP Geometry (2225)	Geometry or Pre-AP Algebra II	Algebra II or Pre-AP Pre-Calculus or DE	Pre-Calculus or AP Calculus AB/BC
3	Biology (3224) or Pre-AP Biology (3225)	Chemistry or Pre-AP Chemistry	AP Physics or PHYS 2425 DC	Forensic Science
4	AVID (8545) or Elective	World History or Pre-AP World History	U.S. History or AP U.S. History	AP Govt / AP Eco or GOVT 2305 DC/ ECON 1301 DC
5	Spanish I (5211) or Spanish II (5214)	Spanish II or Spanish III	AP Psychology/ AP Sociology	Artificial Intelligence (.5) PLTW Cybersecurity (.5) PLTW
6	PE (8213) /PE Sub./Elective	Fine Arts Elective	Digital & Interactive Media	Computational Problem Solving PLTW Robotics & Automation (2)
7	Intro Computer Science (.5) PLTW Modern Physics (.5)	Computer Science & Software Engineering PLTW	Computer Science Applications PLTW	
8	Elective	Elective	Elective	Elective
TOTAL CREDITS	8	8	8	8

Computer Science Pathway 4-Year Plan

Jefferson HS Class of 2020 & Beyond

Fine Arts Electives	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
Computer Science Majors will choose ONE Fine Arts elective	Art I (6411) Theater Arts I (6441) Theatre Prod (6451) Tech Theatre I (6461) Choir I (6621) M Band I (6821/6841) Orchestra I (6651) Mariachi I (6811) Jazz Band I (6651) Dance I (6611)	Art II Theater Arts II Theatre Prod II Tech Theatre II Choir II Marching Band II Orchestra II Mariachi II Jazz Band II Dance II	Art III Theater Arts III Theatre Prod III Tech Theatre III Choir III Marching Band III Orchestra III Mariachi III Jazz Band III Dance III	Art IV Theater Arts IV Theatre Prod IV Tech Theatre IV Choir IV Marching Band IV Orchestra IV Mariachi IV Jazz Band IV Dance IV

PE/PE Substitutes	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
Computer Science Majors will choose ONE PE/PE Substitute	M Band I (6821/6841) Dance I (6611) JROTC I (8441) Athletics (83xx) Foundations (8213) Spirit Groups (8151)	Marching Band II Dance II JROTC II Athletics Indiv/Team Sports (8214) Spirit Groups	Marching Band III Dance III JROTC III Athletics Aerobics (8216) PE 3 (8219) Spirit Groups	Marching Band IV Dance IV JROTC IV Athletics Spirit Groups

Spirit Groups Include - Pep Squad, Cheerleading, Drill Team

Additional Electives	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
Computer Science Majors may choose from the following electives if schedule allows	World Geo (4214) Journalism (1718) Web Tech (7706) Bus. Info Tech (7302)	Professional Communications DC or Communication Applications DC	Scientific Research & Design	Simulation & Modeling (.5) (PLTW)

Students must meet TSI requirements identified by the Alamo Colleges prior to enrollment in dual credit courses. Advanced Placement courses are available to prepare students for rigorous college coursework. All students will participate in UIL, student leadership and service opportunities while in high school.

DC – Dual Credit DE – Dual Enrollment at UT
AP – Advanced Placement Pre-AP – Pre-Advanced Placement
New Courses/Sequences



Jefferson High School Class of 2020

Floral Design Pathway – Business & Industry Endorsement



Four Year Plan				
PERIOD	9 TH	10 TH	11 TH	12 TH
1	English I (1214) or Pre-AP English I (1215)	English II or Pre-AP English II	AP English III or ENGL 1301/1302 DC	AP English IV or ENGL 2322/2323 DC
2	Algebra I (2214) or Pre-AP Geometry (2225)	Geometry or Pre-AP Algebra II	Algebra II or Pre-AP Pre-Calculus or DE	Pre-Calculus or AP Calculus AB/BC
3	Biology (3224) or Pre-AP Biology (3225)	Chemistry or Pre-AP Chemistry	AP Physics or PHYS 2425 DC	AP Environmental Science
4	AVID (8545) or Elective	World History or Pre-AP World History	U.S. History or AP U.S. History	AP Govt / AP Eco or GOVT 2305 DC/ ECON 1301 DC
5	Spanish I (5211) or Spanish II (5214)	Spanish II or Spanish III	Landscape Design (1 cr) and Advanced Plant & Soil Science (1 cr) Horticulture Science (1 cr)	Agriculture, Food & Natural Resources I Practicum DC (3 cr)
6	Principles of Agriculture, Food & Natural Resources (7033)	Principles of Floral Design		
7	PE (8213) /PE Sub./Elective	Fine Arts Elective		
8	Elective	Elective	Elective	Elective
TOTAL CREDITS	8	8	7	8

Floral Design Pathway 4-Year Plan

Jefferson HS Class of 2020 & Beyond

Fine Arts Electives	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
Floral Design Majors will choose ONE Fine Arts elective	Art I (6411) Theater Arts I (6441) Theatre Prod (6451) Tech Theatre I (6461) Choir I (6621) M Band I (6821/6841) Orchestra I (6651) Mariachi I (6811) Jazz Band I (6651) Dance I (6611)	Art II Theater Arts II Theatre Prod II Tech Theatre II Choir II Marching Band II Orchestra II Mariachi II Jazz Band II Dance II	Art III Theater Arts III Theatre Prod III Tech Theatre III Choir III Marching Band III Orchestra III Mariachi III Jazz Band III Dance III	Art IV Theater Arts IV Theatre Prod IV Tech Theatre IV Choir IV Marching Band IV Orchestra IV Mariachi IV Jazz Band IV Dance IV

PE/PE Substitutes	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
Floral Design Majors will choose ONE PE/PE Substitute	M Band I (6821/6841) Dance I (6611) JROTC I (8441) Athletics (83xx) Foundations (8213) Spirit Groups (8151)	Marching Band II Dance II JROTC II Athletics Indiv/Team Sports (8214) Spirit Groups	Marching Band III Dance III JROTC III Athletics Aerobics (8216) PE 3 (8219) Spirit Groups	Marching Band IV Dance IV JROTC IV Athletics Spirit Groups

Spirit Groups Include - Pep Squad, Cheerleading, Drill Team

Additional Electives	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
Floral Design Majors may choose from the following electives if schedule allows	World Geo (4214) Journalism (1718) Web Tech (7706) Bus. Info Tech (7302)	Professional Communications DC or Communication Applications DC	Business Management	Entrepreneurship

Students must meet TSI requirements identified by the Alamo Colleges prior to enrollment in dual credit courses. Advanced Placement courses are available to prepare students for rigorous college coursework. All students will participate in UIL, student leadership and service opportunities while in high school.

DC – Dual Credit DE – Dual Enrollment at UT
AP – Advanced Placement Pre-AP – Pre-Advanced Placement
New Courses Sequences



Jefferson High School Class of 2020

International Baccalaureate Programme – Multidisciplinary Endorsement

International Baccalaureate Programme 4-Year Plan Jefferson HS Class of 2020 & Beyond

Four Year Plan				
PERIOD	9 TH	10 TH	11 TH	12 TH
1	Pre-IB English I (1217) or Humanities	Pre-IB English II	IB English A1 (English III) Part I	IB English A1 (English IV) Part II
2	Pre-IB Geometry (2217) or Pre-IB Algebra II (2236)	Pre-IB Algebra II or Pre-Calculus	IB Math Studies (Yr 1) or IB Math, SL Yr 1 (AP Calculus)	IB Math Studies (Yr 2) or IB Math, SL Yr 2
3	Pre-IB Chemistry (3246)	Pre-IB Physics	IB Biology (Yr 1)	IB Biology (Yr 2)
4	Pre-IB Geography (4217)	AP World History	IB History of the Americas (U.S. History, Yr 1)	IB History of the Americas (Yr 2)
5	Spanish I, II, III (5211, 5214, 5217) or AP Language IV (5221) or V (5222)	Spanish II, III, IV or AP Language VI or AP Literature	IB Spanish B (Yr 1)	IB Spanish B (Yr 2)
6	Academic Mentoring (8712) (LC)	Academic Mentoring (LC)	IB Visual Arts (B or A, Yr 1) or IB Music SL (Yr 1) IB Theory of Knowledge (ToK)	IB Visual Arts (B or A, Yr 2) or IB Music SL (Yr 2) IB Theory of Knowledge (ToK)
7	PE (8213) /PE Sub./Elective	PE/PE Sub./Elective	PE/PE Sub./Elective	PE/PE Sub./Elective
8	Health (8211)/ Communication Applications (1560)	U.S. Government	Independent Studies in English	Research & Technical Writing/ Economics
TOTAL CREDITS	8	8	8	8

Fine Arts Electives	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
IB Majors will choose ONE Fine Arts elective	Art I (6411) Theater Arts I (6441) Theatre Prod (6451) Tech Theatre I (6461) Choir I (6621) M Band I (6821/6841) Orchestra I (6651) Mariachi I (6811) Jazz Band I (6651) Dance I (6611)	Art II Theater Arts II Theatre Prod II Tech Theatre II Choir II Marching Band II Orchestra II Mariachi II Jazz Band II Dance II	Art III Theater Arts III Theatre Prod III Tech Theatre III Choir III Marching Band III Orchestra III Mariachi III Jazz Band III Dance III	Art IV Theater Arts IV Theatre Prod IV Tech Theatre IV Choir IV Marching Band IV Orchestra IV Mariachi IV Jazz Band IV Dance IV

PE/PE Substitutes	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
IB Majors will choose ONE PE/PE Substitute	M Band I (6821/6841) Dance I (6611) JROTC I (8441) Athletics (83xx) Foundations (8213) Spirit Groups (8151)	Marching Band II Dance II JROTC II Athletics Indiv/Team Sports (8214) Spirit Groups	Marching Band III Dance III JROTC III Athletics Aerobics (8216) PE 3 (8219) Spirit Groups	Marching Band IV Dance IV JROTC IV Athletics Spirit Groups

Spirit Groups Include - Pep Squad, Cheerleading, Drill Team

Students must meet TSI requirements identified by the Alamo Colleges prior to enrollment in dual credit courses. Advanced Placement courses are available to prepare students for rigorous college coursework. All students will participate in UIL, student leadership and service opportunities while in high school.

IB – International Baccalaureate HL – Higher Level
SL – Standard Level AP – Advanced Placement
LC – Local Credit ToK – Theory of Knowledge



Jefferson High School Class of 2020

Interior Design Pathway – Business & Industry Endorsement



Interior Design Pathway 4-Year Plan

Jefferson HS Class of 2020 & Beyond

Four Year Plan				
PERIOD	9 TH	10 TH	11 TH	12 TH
1	English I (1214) or Pre-AP English I (1215)	English II or Pre-AP English II	AP English III or ENGL 1301/1302 DC	AP English IV or ENGL 2322/2323 DC
2	Algebra I (2214) or Pre-AP Geometry (2225)	Geometry or Pre-AP Algebra II	Algebra II or Pre-AP Pre-Calculus or DE	Pre-Calculus or AP Calculus AB/BC
3	Biology (3224) or Pre-AP Biology (3225)	Chemistry or Pre-AP Chemistry	AP Physics or PHYS 2425 DC	AP Environmental Science
4	AVID (8545) or Elective	World History or Pre-AP World History	U.S. History or AP U.S. History	AP Govt / AP Eco or GOVT 2305 DC/ECON 1301 DC
5	Spanish I (5211) or Spanish II (5214)	Spanish II or Spanish III	Advanced Interior Design (2 cr) Architectural Design (1 cr)	Interior Design I Practicum (3 cr)
6	Principles of Architecture & Construction (7110)	Interior Design		
7	PE (8213) /PE Sub./Elective	Fine Arts Elective		
8	Elective	Elective	Elective	Elective
TOTAL CREDITS	8	8	8	8

Fine Arts Electives	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
Interior Design Majors will choose ONE Fine Arts elective	Art I (6411) Theater Arts I (6441) Theatre Prod (6451) Tech Theatre I (6461) Choir I (6621) M Band I (6821/6841) Orchestra I (6651) Mariachi I (6811) Jazz Band I (6651) Dance I (6611)	Art II Theater Arts II Theatre Prod II Tech Theatre II Choir II Marching Band II Orchestra II Mariachi II Jazz Band II Dance II	Art III Theater Arts III Theatre Prod III Tech Theatre III Choir III Marching Band III Orchestra III Mariachi III Jazz Band III Dance III	Art IV Theater Arts IV Theatre Prod IV Tech Theatre IV Choir IV Marching Band IV Orchestra IV Mariachi IV Jazz Band IV Dance IV

PE/PE Substitutes	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
Interior Design Majors will choose ONE PE/PE Substitute	M Band I (6821/6841) Dance I (6611) JROTC I (8441) Athletics (83xx) Foundations (8213) Spirit Groups (8151)	Marching Band II Dance II JROTC II Athletics Indiv/Team Sports (8214) Spirit Groups	Marching Band III Dance III JROTC III Athletics Aerobics (8216) PE 3 (8219) Spirit Groups	Marching Band IV Dance IV JROTC IV Athletics Spirit Groups

Spirit Groups Include - Pep Squad, Cheerleading, Drill Team

Additional Electives	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
Interior Design Majors may choose from the following electives if schedule allows	World Geo (4214) Journalism (1718) Web Tech (7706) Bus. Info Tech (7302)	Professional Communications DC or Communication Applications DC	Construction Technology	Art II, Drawing or Art II, Design

Students must meet TSI requirements identified by the Alamo Colleges prior to enrollment in dual credit courses. Advanced Placement courses are available to prepare students for rigorous college coursework. All students will participate in UIL, student leadership and service opportunities while in high school.

DC – Dual Credit DE – Dual Enrollment at UT
AP – Advanced Placement Placement Pre-AP – Pre-Advanced Placement
New Courses/Sequences



Jefferson High School Class of 2020

Media Pathway – Business & Industry Endorsement



Four Year Plan				
PERIOD	9 TH	10 TH	11 TH	12 TH
1	English I (1214) or Pre-AP English I (1215)	English II or Pre-AP English II	AP English III or ENGL 1301/1302 DC	AP English IV or ENGL 2322/2323 DC
2	Algebra I (2214) or Pre-AP Geometry (2225)	Geometry or Pre-AP Algebra II	Algebra II or Pre-AP Pre-Calculus or DE	Pre-Calculus or AP Calculus AB/BC
3	Biology (3224) or Pre-AP Biology (3225)	Chemistry or Pre-AP Chemistry	Physics	Anatomy & Physiology
4	AVID (8545) or Elective	World History or Pre-AP World History AP World History	U.S. History or AP U.S. History	AP Govt / AP Eco or GOVT 2305 DC/ECON 1301 DC
5	Spanish I (5211) or Spanish II (5214)	Spanish II or Spanish III	Advanced Audio/Video Production DC (3 cr)	Audio/Video Production I Practicum DC (3 cr)
6	Principles of Arts, Audio/Video Technology (7212)	Audio/Video Production		
7	PE (8213) /PE Sub./Elective	Fine Arts Elective		
8	Elective	Elective	Elective	Video Game Design I
TOTAL CREDITS	8	8	8	8

PE/PE Substitutes	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
Media Majors will choose ONE PE/PE Substitute	M Band I (6821/6841) Dance I (6611) JROTC I (8441) Athletics (83xx) Foundations (8213) Spirit Groups (8151)	Marching Band II Dance II JROTC II Athletics Indiv/Team Sports (8214) Spirit Groups	Marching Band III Dance III JROTC III Athletics Aerobics (8216) PE 3 (8219) Spirit Groups	Marching Band IV Dance IV JROTC IV Athletics Spirit Groups

Fine Arts Electives	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
Media Majors will choose ONE Fine Arts elective	Art I (6411) Theater Arts I (6441) Theatre Prod (6451) Tech Theatre I (6461) Choir I (6621) M Band I (6821/6841) Orchestra I (6651) Mariachi I (6811) Jazz Band I (6651) Dance I (6611)	Art II Theater Arts II Theatre Prod II Tech Theatre II Choir II Marching Band II Orchestra II Mariachi II Jazz Band II Dance II	Art III Theater Arts III Theatre Prod III Tech Theatre III Choir III Marching Band III Orchestra III Mariachi III Jazz Band III Dance III	Art IV Theater Arts IV Theatre Prod IV Tech Theatre IV Choir IV Marching Band IV Orchestra IV Mariachi IV Jazz Band IV Dance IV

Additional Electives	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
Media Majors may choose from the following electives if schedule allows	World Geo (4214) Journalism (1718) Web Tech (7706) Bus. Info Tech (7302)	Professional Communications DC or Communication Applications DC	Business Management	Entrepreneurship

Students must meet TSI requirements identified by the Alamo Colleges prior to enrollment in dual credit courses. Advanced Placement courses are available to prepare students for rigorous college coursework. All students will participate in UIL, student leadership and service opportunities while in high school.

DC – Dual Credit DE – Dual Enrollment at UT
AP – Advanced Placement Pre-AP – Pre-Advanced Placement
New Courses/Sequences

Media Pathway 4-Year Plan

Jefferson HS Class of 2020 & Beyond



Jefferson High School 2020

Plant Science Pathway – Business & Industry Endorsement



Four Year Plan

PERIOD	9 TH	10 TH	11 TH	12 TH
1	English I (1214) or Pre-AP English I (1215)	English II or Pre-AP English II	AP English III or ENGL 1301/1302 DC	AP English IV or ENGL 2322/2323 DC
2	Algebra I (2214) or Pre-AP Geometry (2225)	Geometry or Pre-AP Algebra II	Algebra II or Pre-AP Pre-Calculus or DE	Pre-Calculus or AP Calculus AB/BC
3	Biology (3224) or Pre-AP Biology (3225)	Chemistry or Pre-AP Chemistry	AP Physics or PHYS 2425 DC	Advanced Plant & Soil Science
4	AVID (8545) or Elective	World History or Pre-AP World History	U.S. History or AP U.S. History	AP Govt / AP Eco or GOVT 2305 DC/ ECON 1301 DC
5	Spanish I (5211) or Spanish II (5214)	Spanish II or Spanish III	Organic Sustainable Food Production (2 cr) Floral Design (1 cr)	Practicum in Food & Natural Resources (3 cr)
6	Principles of Agriculture, Food & Natural Resources (7033)	Horticulture Science		
7	PE (8213) /PE Sub./Elective	Fine Arts Elective		
8	Elective	Elective	Elective	Elective
TOTAL CREDITS	8	8	8	8

Fine Arts Electives	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
Plant Science Majors will choose ONE Fine Arts elective	Art I (6411) Theater Arts I (6441) Theatre Prod (6451) Tech Theatre I (6461) Choir I (6621) M Band I (6821/6841) Orchestra I (6651) Mariachi I (6811) Jazz Band I (6651) Dance I (6611)	Art II Theater Arts II Theatre Prod II Tech Theatre II Choir II Marching Band II Orchestra II Mariachi II Jazz Band II Dance II	Art III Theater Arts III Theatre Prod III Tech Theatre III Choir III Marching Band III Orchestra III Mariachi III Jazz Band III Dance III	Art IV Theater Arts IV Theatre Prod IV Tech Theatre IV Choir IV Marching Band IV Orchestra IV Mariachi IV Jazz Band IV Dance IV

PE/PE Substitutes	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
Plant Science Majors will choose ONE PE/PE Substitute	M Band I (6821/6841) Dance I (6611) JROTC I (8441) Athletics (83xx) Foundations (8213) Spirit Groups (8151)	Marching Band II Dance II JROTC II Athletics Indiv/Team Sports (8214) Spirit Groups	Marching Band III Dance III JROTC III Athletics Aerobics (8216) PE 3 (8219) Spirit Groups	Marching Band IV Dance IV JROTC IV Athletics Spirit Groups

Spirit Groups Include - Pep Squad, Cheerleading, Drill Team

Additional Electives	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
Plant Science Majors may choose from the following electives if schedule allows	World Geo (4214) Journalism (1718) Web Tech (7706) Bus. Info Tech (7302)	Professional Communications DC or Communication Applications DC	Landscape Design & Turf Grass Management	Forestry & Woodland Ecosystems

Students must meet TSI requirements identified by the Alamo Colleges prior to enrollment in dual credit courses. Advanced Placement courses are available to prepare students for rigorous college coursework. All students will participate in UIL, student leadership and service opportunities while in high school.

DC – Dual Credit DE – Dual Enrollment at UT
AP – Advanced Placement Pre-AP – Pre-Advanced
Placement New Courses/Sequences

Plant science Pathway 4-Year Plan

Jefferson HS Class of 2020 & Beyond



Jefferson High School Class of 2020

Renewable Energy Pathway – STEM Endorsement



Four Year Plan				
PERIOD	9 TH	10 TH	11 TH	12 TH
1	English I (1214) or Pre-AP English I (1215)	English II or Pre-AP English II	AP English III or ENGL 1301/1302 DC	AP English IV or ENGL 2322/2323 DC
2	Algebra I (2214) or Pre-AP Geometry (2225)	Geometry or Pre-AP Algebra II	Algebra II or Pre-AP Pre-Calculus or DE	Pre-Calculus or AP Calculus AB/BC
3	Biology (3224) or Pre-AP Biology (3225)	Chemistry or Pre-AP Chemistry	AP Physics or PHYS 2425 DC	AP Environmental Science
4	AVID (8545) or Elective	World History or Pre-AP World History	U.S. History or AP U.S. History	AP Govt / AP Eco or GOVT 2305 DC/ECON 1301 DC
5	Spanish I (5211) or Spanish II (5214)	Spanish II or Spanish III	Elective	Elective
6	Principles of Agriculture & Natural Resources (7033)	Energy & Natural Resources Technology	Advanced Plant & Soil Science (1 cr) Advanced Environmental Technology (1 cr)	Agriculture, Food & Natural Resources Practicum DC (3 cr)
7	PE (8213) /PE Sub./Elective	Fine Arts Elective		
8	Elective	Elective		
TOTAL CREDITS	8	8	8	8

Renewable Energy Pathway 4-Year Plan

Jefferson HS Class of 2020 & Beyond

Fine Arts Electives	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
Renewable Energy Majors will choose ONE Fine Arts elective	Art I (6411) Theater Arts I (6441) Theatre Prod (6451) Tech Theatre I (6461) Choir I (6621) M Band I (6821/6841) Orchestra I (6651) Mariachi I (6811) Jazz Band I (6651) Dance I (6611)	Art II Theater Arts II Theatre Prod II Tech Theatre II Choir II Marching Band II Orchestra II Mariachi II Jazz Band II Dance II	Art III Theater Arts III Theatre Prod III Tech Theatre III Choir III Marching Band III Orchestra III Mariachi III Jazz Band III Dance III	Art IV Theater Arts IV Theatre Prod IV Tech Theatre IV Choir IV Marching Band IV Orchestra IV Mariachi IV Jazz Band IV Dance IV

PE/PE Substitutes	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
Renewable Energy Majors will choose ONE PE/PE Substitute	M Band I (6821/6841) Dance I (6611) JROTC I (8441) Athletics (83xx) Foundations (8213) Spirit Groups (8151)	Marching Band II Dance II JROTC II Athletics Indiv/Team Sports (8214) Spirit Groups	Marching Band III Dance III JROTC III Athletics Aerobics (8216) PE 3 (8219) Spirit Groups	Marching Band IV Dance IV JROTC IV Athletics Spirit Groups

Spirit Groups Include - Pep Squad, Cheerleading, Drill Team

Additional Electives	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
Renewable Energy Majors may choose from the following electives if schedule allows	World Geo (4214) Journalism (1718) Web Tech (7706) Bus. Info Tech (7302)	Professional Communications DC or Communication Applications DC	Wildlife, Fisheries & Ecology Management	Forestry & Woodland Ecosystems

Students must meet TSI requirements identified by the Alamo Colleges prior to enrollment in dual credit courses. Advanced Placement courses are available to prepare students for rigorous college coursework. All students will participate in UIL, student leadership and service opportunities while in high school.

DC – Dual Credit DE – Dual Enrollment at UT
AP – Advanced Placement Pre-AP – Pre-Advanced Placement
New Courses/Sequences



Lanier High School Class of 2020

Advertising Design Pathway – Business & Industry Endorsement



Advertising Design Pathway 4-Year Plan

Lanier HS Class of 2020 & Beyond

Four Year Plan				
PERIOD	9 TH	10 TH	11 TH	12 TH
1	English I (1214) or Pre-AP English I (1215)	English II or Pre-AP English II	AP English III or ENGL 1301/1302 DC	AP English IV or ENGL 2322/2323 DC
2	Algebra I (2214) or Pre-AP Geometry (2225)	Geometry or Pre-AP Algebra II	Algebra II or Pre-AP Pre-Calculus or DE	Pre-Calculus or AP Calculus AB/BC
3	Biology (3224) or Pre-AP Biology (3225)	Chemistry or Pre-AP Chemistry	Physics	Forensic Science
4	AVID (8545) or Elective	World History or Pre-AP World History AP World History	U.S. History or AP U.S. History	AP Govt / AP Eco or GOVT 2305 DC/ ECON 1301 DC
5	Spanish I (5211) or Spanish II (5214)	Spanish II or Spanish III	Advanced Graphic Design & Illustration DC (3 cr)	Graphic Design & Illustration Practicum DC (3 cr)
6	Principles of Arts, Audio/Video Technology (7212)	Graphic Design & Illustration		
7	PE (8213) /PE Sub./Elective	Fine Arts Elective		
8	Elective	Elective	Elective	Elective
TOTAL CREDITS	8	8	8	8

Fine Arts Electives	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
Advertising Design Majors will choose ONE Fine Arts elective	Art I Theater Arts I Choir I Marching Band I Orchestra I Mariachi I Jazz Band I Dance I	Art II Theater Arts II Choir II Marching Band II Orchestra II Mariachi II Jazz Band II Dance II	Art III Theater Arts III Choir III Marching Band III Orchestra III Mariachi III Jazz Band III Dance III	Art IV Theater Arts IV Choir IV Marching Band IV Orchestra IV Mariachi IV Jazz Band IV Dance IV

PE/PE Substitutes	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
Advertising Design Majors will choose ONE PE/PE Substitute	Marching Band I Dance I JROTC I Athletics Team Sports Individual Sports Aerobics Foundations Spirit Groups	Marching Band II Dance II JROTC II Athletics Team Sports Individual Sports Aerobics Foundations Spirit Groups	Marching Band III Dance III JROTC III Athletics Team Sports Individual Sports Aerobics Foundations Spirit Groups	Marching Band IV Dance IV JROTC IV Athletics Team Sports Individual Sports Aerobics Foundations Spirit Groups

Spirit Groups Include - Pep Squad, Cheerleading, Drill Team

Additional Electives	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
Advertising Design Majors may choose from the following electives if schedule allows	World Geography	Professional Communications DC or Communication Applications DC	Art II—Digital Art & Media I	Art III – Digital Art & Media II

Students must meet TSI requirements identified by the Alamo Colleges prior to enrollment in dual credit courses. Advanced Placement courses are available to prepare students for rigorous college coursework. All students will participate in UIL, student leadership and service opportunities while in high school.

DC – Dual Credit DE – Dual Enrollment at UT
AP – Advanced Placement Pre-AP – Pre-Advanced Placement
New Courses/Sequences



Lanier High School Class of 2020

Animation Pathway – Business & Industry Endorsement



Four Year Plan				
PERIOD	9 TH	10 TH	11 TH	12 TH
1	English I (1214) or Pre-AP English I (1215)	English II or Pre-AP English II	AP English III or ENGL 1301/1302 DC	AP English IV or ENGL 2322/2323 DC
2	Algebra I (2214) or Pre-AP Geometry (2225)	Geometry or Pre-AP Algebra II	Algebra II or Pre-AP Pre-Calculus or DE	Pre-Calculus or AP Calculus AB/BC
3	Biology (3224) or Pre-AP Biology (3225)	Chemistry or Pre-AP Chemistry	Physics	Anatomy & Physiology
4	AVID (8545) or Elective	World History or Pre-AP World History AP World History	U.S. History or AP U.S. History	AP Govt / AP Eco or GOVT 2305 DC/ ECON 1301 DC
5	Spanish I (5211) or Spanish II (5214)	Spanish II or Spanish III	Advanced Animation DC (3 cr)	Audio/Video Production I Practicum DC (3 cr)
6	Principles of Arts, Audio/Video Technology (7212)	Animation		
7	PE (8213) /PE Sub./Elective	Fine Arts Elective		
8	Elective	Elective	Elective	Video Game Design I
TOTAL CREDITS	8	8	8	8

PE/PE Substitutes	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
Animation Majors will choose ONE PE/PE Substitute	M Band I (6821/6841) Dance I (6611) JROTC I (8441) Athletics (83xx) Foundations (8213) Spirit Groups (8151)	Marching Band II Dance II JROTC II Athletics Indiv/Team Sports PE 3 (8219) Spirit Groups	Marching Band III Dance III JROTC III Athletics Aerobics (8216) PE 3 (8219) Spirit Groups	Marching Band IV Dance IV JROTC IV Athletics Spirit Groups
Fine Arts Electives	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
Animation Majors will choose ONE Fine Arts elective	Art I (6411) Theater Arts I (6441) Theatre Prod (6451) Tech Theatre I (6461) Choir I (6621) M Band I (6821/6841) Orchestra I (6651) Mariachi I (6811) Jazz Band I (6651) Dance I (6611)	Art II Theater Arts II Theatre Prod II Tech Theatre II Choir II Marching Band II Orchestra II Mariachi II Jazz Band II Dance II	Art III Theater Arts III Theatre Prod III Tech Theatre III Choir III Marching Band III Orchestra III Mariachi III Jazz Band III Dance III	Art IV Theater Arts IV Theatre Prod IV Tech Theatre IV Choir IV Marching Band IV Orchestra IV Mariachi IV Jazz Band IV Dance IV

Spirit Groups Include - Pep Squad, Cheerleading, Drill Team

Additional Electives	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
Animation Majors may choose from the following electives if schedule allows	World Geo (4214) Journalism (1718) Web Tech (7706) Bus. Info Mgmt. (7302) Art I, Art & Media Comm. I (6511)	Professional Communications DC or Communication Applications DC Art II, Sculpture	Art II, Digital Art & Media I	Art III, Digital Art & Media II

Students must meet TSI requirements identified by the Alamo Colleges prior to enrollment in dual credit courses. Advanced Placement courses are available to prepare students for rigorous college coursework. All students will participate in UIL, student leadership and service opportunities while in high school.

DC – Dual Credit DE – Dual Enrollment at UT
AP – Advanced Placement Pre-AP – Pre-Advanced Placement
New Courses/Sequences

Animation Pathway 4-Year Plan

Lanier HS Class of 2020 & Beyond



Lanier High School Class of 2020

Architecture Institute – Business & Industry Endorsement



Four Year Plan				
PERIOD	9 TH	10 TH	11 TH	12 TH
1	English I (1214) or Pre-AP English I (1215)	English II or Pre-AP English II	AP English III or ENGL 1301/1302 DC	AP English IV or ENGL 2322/2323 DC
2	Algebra I (2214) or Pre-AP Geometry (2225)	Geometry or Pre-AP Algebra II	Algebra II or Pre-AP Pre-Calculus or DE	Pre-Calculus or AP Calculus AB/BC
3	Biology (3224) or Pre-AP Biology (3225)	Chemistry or Pre-AP Chemistry	AP Physics or PHYS 2425 DC	AP Environmental Science
4	AVID (8545) or Elective	World History or Pre-AP World History	U.S. History or AP U.S. History	AP Govt / AP Eco or GOVT 2305 DC/ECON 1301 DC
5	Spanish I (5211) or Spanish II (5214)	Spanish II or Spanish III	Advanced Architectural Design DC (3 cr)	Architectural Design Practicum DC (3 cr)
6	Principles of Architecture & Construction (7110)	Architectural Design		
7	PE (8213) /PE Sub./Elective	Fine Arts Elective		
8	Elective	Elective	Elective	Elective
TOTAL CREDITS	8	8	8	8

Architecture Institute 4-Year Plan

Lanier HS Class of 2020 & Beyond

Fine Arts Electives	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
Architecture Majors will choose ONE Fine Arts elective	Art I (6411) Theater Arts I (6441) Theatre Prod (6451) Tech Theatre I (6461) Choir I (6621) M Band I (6821/6841) Orchestra I (6651) Mariachi I (6811) Jazz Band I (6651) Dance I (6611)	Art II Theater Arts II Theatre Prod II Tech Theatre II Choir II Marching Band II Orchestra II Mariachi II Jazz Band II Dance II	Art III Theater Arts III Theatre Prod III Tech Theatre III Choir III Marching Band III Orchestra III Mariachi III Jazz Band III Dance III	Art IV Theater Arts IV Theatre Prod IV Tech Theatre IV Choir IV Marching Band IV Orchestra IV Mariachi IV Jazz Band IV Dance IV

PE/PE Substitutes	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
Architecture Majors will choose ONE PE/PE Substitute	M Band I (6821/6841) Dance I (6611) JROTC I (8441) Athletics (83xx) Foundations (8213) Spirit Groups (8151)	Marching Band II Dance II JROTC II Athletics Indiv/Team Sports (8214) Spirit Groups	Marching Band III Dance III JROTC III Athletics Aerobics (8216) PE 3 (8219) Spirit Groups	Marching Band IV Dance IV JROTC IV Athletics Spirit Groups

Spirit Groups Include - Pep Squad, Cheerleading, Drill Team

Additional Electives	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
Architecture Majors may choose from the following electives if schedule allows	World Geography (4214)	Professional Communications DC or Communication Applications DC	Construction Management	Scientific Research & Design

Students must meet TSI requirements identified by the Alamo Colleges prior to enrollment in dual credit courses. Advanced Placement courses are available to prepare students for rigorous college coursework. All students will participate in UIL, student leadership and service opportunities while in high school.

DC – Dual Credit DE – Dual Enrollment at UT
AP – Advanced Placement Pre-AP – Pre-Advanced Placement
New Courses/Sequences



Lanier High School Class of 2020

Automotive Technology Institute – Business & Industry Endorsement



Automotive Technology Institute 4-Year Plan

Lanier HS Class of 2020 & Beyond

Four Year Plan				
PERIOD	9 th	10 th	11 th	12 th
1	English I (1214) or Pre-AP English I (1215)	English II or Pre-AP English II	AP English III or ENGL 1301/1302 DC	AP English IV or ENGL 2322/2323 DC
2	Algebra I (2214) or Pre-AP Geometry (2225)	Geometry or Pre-AP Algebra II	Algebra II or Pre-AP Pre-Calculus or DE	Pre-Calculus or AP Calculus AB/BC
3	Biology (3224) or Pre-AP Biology (3225)	Chemistry or Pre-AP Chemistry	Physics	AP Environmental Science
4	AVID (8545) or Elective	World History or Pre-AP World History AP World History	U.S. History or AP U.S. History	AP Govt / AP Eco or GOVT 2305 DC/ECON 1301 DC
5	Spanish I (5211) or Spanish II (5214)	Spanish II or Spanish III	Advanced Automotive Technology DC (3 cr)	Logistics, Planning & Management Systems (1 cr) Transportation, Distribution & Logistics Practicum DC (2 cr)
6	Energy, Power & Transportation Systems (7863)	Automotive Technology (2 cr)		
7	PE (8213) /PE Sub./Elective			
8	Elective	Fine Arts Elective	Elective	Elective
TOTAL CREDITS	8	8	8	8

Fine Arts Electives	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
Automotive Technology Majors will choose ONE Fine Arts elective	Art I (6411) Theater Arts I (6441) Theatre Prod (6451) Tech Theatre I (6461) Choir I (6621) M Band I (6821/6841) Orchestra I (6651) Mariachi I (6811) Jazz Band I (6651) Dance I (6611)	Art II Theater Arts II Theatre Prod II Tech Theatre II Choir II Marching Band II Orchestra II Mariachi II Jazz Band II Dance II	Art III Theater Arts III Theatre Prod III Tech Theatre III Choir III Marching Band III Orchestra III Mariachi III Jazz Band III Dance III	Art IV Theater Arts IV Theatre Prod IV Tech Theatre IV Choir IV Marching Band IV Orchestra IV Mariachi IV Jazz Band IV Dance IV

PE/PE Substitutes	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
Automotive Technology Majors will choose ONE PE/PE Substitute	M Band I (6821/6841) Dance I (6611) JROTC I (8441) Athletics (83xx) Foundations (8213) Spirit Groups (8151)	Marching Band II Dance II JROTC II Athletics Indiv/Team Sports (8214) Spirit Groups	Marching Band III Dance III JROTC III Athletics Aerobics (8216) PE 3 (8219) Spirit Groups	Marching Band IV Dance IV JROTC IV Athletics Spirit Groups

Spirit Groups Include - Pep Squad, Cheerleading, Drill Team

Additional Electives	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
Automotive Technology Majors may choose from the following electives if schedule allows	World Geography (4214)	Professional Communications DC or Communication Applications DC	Business Management	Entrepreneurship

Students must meet TSI requirements identified by the Alamo Colleges prior to enrollment in dual credit courses. Advanced Placement courses are available to prepare students for rigorous college coursework. All students will participate in UIL, student leadership and service opportunities while in high school.

DC – Dual Credit DE – Dual Enrollment at UT
AP – Advanced Placement Pre-AP – Pre-Advanced Placement
New Courses/Sequences



Lanier High School Class of 2020

Business Management Pathway – Business & Industry Endorsement



Business Management Pathway 4-Year Plan

Lanier HS Class of 2020 & Beyond

Four Year Plan				
PERIOD	9 TH	10 TH	11 TH	12 TH
1	English I (1214) or Pre-AP English I (1215)	English II or Pre-AP English II	AP English III or ENGL 1301/1302 DC	AP English IV or ENGL 2322/2323 DC
2	Algebra I (2214) or Pre-AP Geometry (2225)	Geometry or Pre-AP Algebra II	Algebra II or Pre-AP Pre-Calculus or DE	Pre-Calculus or AP Calculus AB/BC
3	Biology (3224) or Pre-AP Biology (3225)	Chemistry or Pre-AP Chemistry	Physics	Anatomy & Physiology
4	AVID (8545) or Elective	World History or Pre-AP World History AP World History	U.S. History or AP U.S. History	AP Govt / AP Eco or GOVT 2305 DC/ ECON 1301 DC
5	Spanish I (5211) or Spanish II (5214)	Spanish II or Spanish III	Entrepreneurship (1 cr) Business Management (1 cr) Business Law (1 cr)	Business Management Practicum DC (3 cr)
6	Business Information Management (7302)	Global Business (.5 cr) Virtual Business (.5 cr)		
7	PE (8213) /PE Sub./Elective	Fine Arts Elective		
8	Elective	Elective	Elective	Elective
TOTAL CREDITS	8	8	8	8

Fine Arts Electives	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
Business Management Majors will choose ONE Fine Arts elective	Art I (6411) Theater Arts I (6441) Theatre Prod (6451) Tech Theatre I (6461) Choir I (6621) M Band I (6821/6841) Orchestra I (6651) Mariachi I (6811) Jazz Band I (6651) Dance I (6611)	Art II Theater Arts II Theatre Prod II Tech Theatre II Choir II Marching Band II Orchestra II Mariachi II Jazz Band II Dance II	Art III Theater Arts III Theatre Prod III Tech Theatre III Choir III Marching Band III Orchestra III Mariachi III Jazz Band III Dance III	Art IV Theater Arts IV Theatre Prod IV Tech Theatre IV Choir IV Marching Band IV Orchestra IV Mariachi IV Jazz Band IV Dance IV

PE/PE Substitutes	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
Business Management Majors will choose ONE PE/PE Substitute	M Band I (6821/6841) Dance I (6611) JROTC I (8441) Athletics (83xx) Foundations (8213) Spirit Groups (8151)	Marching Band II Dance II JROTC II Athletics Indiv/Team Sports (8214) Spirit Groups	Marching Band III Dance III JROTC III Athletics Aerobics (8216) PE 3 (8219) Spirit Groups	Marching Band IV Dance IV JROTC IV Athletics Spirit Groups

Spirit Groups Include - Pep Squad, Cheerleading, Drill Team

Additional Electives	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
Business Management Majors may choose from the following electives if schedule allows	World Geo (4214) Journalism (1718) Web Tech (7706) Bus. Info Mgmt. (7302)	Professional Communications DC or Communication Applications DC	Retailing & E-tailing (.5) & Social Media Marketing (.5)	Financial Mathematics

Students must meet TSI requirements identified by the Alamo Colleges prior to enrollment in dual credit courses. Advanced Placement courses are available to prepare students for rigorous college coursework. All students will participate in UIL, student leadership and service opportunities while in high school.

DC – Dual Credit DE – Dual Enrollment at UT
AP – Advanced Placement Pre-AP – Pre-Advanced Placement
New Courses/Sequences



Lanier High School Class of 2020

Criminal Justice Pathway – Public Service Endorsement



Criminal Justice Pathway 4-Year Plan

Lanier HS Class of 2020 & Beyond

Four Year Plan				
PERIOD	9 TH	10 TH	11 TH	12 TH
1	English I (1214) or Pre-AP English I (1215)	English II or Pre-AP English II	AP English III or ENGL 1301/1302 DC	AP English IV or ENGL 2322/2323 DC
2	Algebra I (2214) or Pre-AP Geometry (2225)	Geometry or Pre-AP Algebra II	Algebra II or Pre-AP Pre-Calculus or DE	Pre-Calculus or AP Calculus AB/BC
3	Biology (3224) or Pre-AP Biology (3225)	Chemistry or Pre-AP Chemistry	Physics	Anatomy & Physiology
4	AVID (8545) or Elective	World History or Pre-AP World History AP World History	U.S. History or AP U.S. History	AP Govt / AP Eco or GOVT 2305 DC/ ECON 1301 DC
5	Spanish I (5211) or Spanish II (5214)	Spanish II or Spanish III	AP Psychology	Forensic Science
6	Principles of Law, Public Safety, Corrections & Security (7532)	Court Systems and Practices	Law Enforcement I (DC) (2 cr)	Law Enforcement II (DC) (2 cr)
7	PE (8213) /PE Sub./Elective	Fine Arts Elective		
8	Elective	Elective	Elective	Elective
TOTAL CREDITS	8	8	8	8

Fine Arts Electives	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
Criminal Justice Majors will choose ONE Fine Arts elective	Art I (6411) Theater Arts I (6441) Theatre Prod (6451) Tech Theatre I (6461) Choir I (6621) M Band I (6821/6841) Orchestra I (6651) Mariachi I (6811) Jazz Band I (6651) Dance I (6611)	Art II Theater Arts II Theatre Prod II Tech Theatre II Choir II Marching Band II Orchestra II Mariachi II Jazz Band II Dance II	Art III Theater Arts III Theatre Prod III Tech Theatre III Choir III Marching Band III Orchestra III Mariachi III Jazz Band III Dance III	Art IV Theater Arts IV Theatre Prod IV Tech Theatre IV Choir IV Marching Band IV Orchestra IV Mariachi IV Jazz Band IV Dance IV

PE/PE Substitutes	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
Criminal Justice Majors will choose ONE PE/PE Substitute	M Band I (6821/6841) Dance I (6611) JROTC I (8441) Athletics (83xx) Foundations (8213) Spirit Groups (8151)	Marching Band II Dance II JROTC II Athletics Indiv/Team Sports (8214) Spirit Groups	Marching Band III Dance III JROTC III Athletics Aerobics (8216) PE 3 (8219) Spirit Groups	Marching Band IV Dance IV JROTC IV Athletics Spirit Groups

Spirit Groups Include - Pep Squad, Cheerleading, Drill Team

Additional Electives	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
Criminal Justice Majors may choose from the following electives if schedule allows	World Geo (4214) Journalism (1718) Web Tech (7706) Bus. Info Mgmt. (7302)	Professional Communications DC or Communication Applications DC	Legal Research & Writing	Emergency Medical Technician – Basic

Students must meet TSI requirements identified by the Alamo Colleges prior to enrollment in dual credit courses. Advanced Placement courses are available to prepare students for rigorous college coursework. All students will participate in UIL, student leadership and service opportunities while in high school.

DC – Dual Credit DE – Dual Enrollment at UT
AP – Advanced Placement Pre-AP – Pre-Advanced Placement
New Courses/Sequences



Lanier High School Class of 2020

Computer Science Pathway – STEM Endorsement



Computer Science Pathway 4-Year Plan

Lanier HS Class of 2020 & Beyond

Four Year Plan				
PERIOD	9 TH	10 TH	11 TH	12 TH
1	English I (1214) or Pre-AP English I (1215)	English II or Pre-AP English II	AP English III or ENGL 1301/1302 DC	AP English IV or ENGL 2322/2323 DC
2	Algebra I (2214) or Pre-AP Geometry (2225)	Geometry or Pre-AP Algebra II	Algebra II or Pre-AP Pre-Calculus or DE	Pre-Calculus or AP Calculus AB/BC
3	Biology (3224) or Pre-AP Biology (3225)	Chemistry or Pre-AP Chemistry	Physics	Forensic Science
4	AVID (8545) or Elective	World History or Pre-AP World History	U.S. History or AP U.S. History	AP Govt / AP Eco or GOVT 2305 DC/ECON 1301 DC
5	Spanish I (5211) or Spanish II (5214)	Spanish II or Spanish III	AP Psychology/AP Sociology	Artificial Intelligence (.5) PLTW Cybersecurity (.5) PLTW
6	PE (8213) /PE Sub./Elective	Fine Arts Elective	Digital & Interactive Media	Computational Problem Solving PLTW Robotics & Automation (2)
7	Intro Computer Science (.5) PLTW Modern Physics (.5)	Computer Science & Software Engineering PLTW	Computer Science Applications PLTW	
8	Elective	Elective	Elective	Elective
TOTAL CREDITS	8	8	8	8

Fine Arts Electives	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
Computer Science Majors will choose ONE Fine Arts elective	Art I (6411) Theater Arts I (6441) Theatre Prod (6451) Tech Theatre I (6461) Choir I (6621) M Band I (6821/6841) Orchestra I (6651) Mariachi I (6811) Jazz Band I (6651) Dance I (6611)	Art II Theater Arts II Theatre Prod II Tech Theatre II Choir II Marching Band II Orchestra II Mariachi II Jazz Band II Dance II	Art III Theater Arts III Theatre Prod III Tech Theatre III Choir III Marching Band III Orchestra III Mariachi III Jazz Band III Dance III	Art IV Theater Arts IV Theatre Prod IV Tech Theatre IV Choir IV Marching Band IV Orchestra IV Mariachi IV Jazz Band IV Dance IV

PE/PE Substitutes	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
Computer Science Majors will choose ONE PE/PE Substitute	M Band I (6821/6841) Dance I (6611) JROTC I (8441) Athletics (83xx) Foundations (8213) Spirit Groups (8151)	Marching Band II Dance II JROTC II Athletics Indiv/Team Sports (8214) Spirit Groups	Marching Band III Dance III JROTC III Athletics Aerobics (8216) PE 3 (8219) Spirit Groups	Marching Band IV Dance IV JROTC IV Athletics Spirit Groups

Spirit Groups Include - Pep Squad, Cheerleading, Drill Team

Additional Electives	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
Computer Science Majors may choose from the following electives if schedule allows	World Geo (4214) Journalism (1718) Web Tech (7706) Bus. Info Mgmt. (7302)	Professional Communications DC or Communication Applications DC	Scientific Research & Design	Simulation & Modeling (.5) (PLTW)

Students must meet TSI requirements identified by the Alamo Colleges prior to enrollment in dual credit courses. Advanced Placement courses are available to prepare students for rigorous college coursework. All students will participate in UIL, student leadership and service opportunities while in high school.

DC – Dual Credit DE – Dual Enrollment at UT
AP – Advanced Placement Pre-AP – Pre-Advanced Placement
New Courses/Sequences



Lanier High School 2020

Construction Technology Institute – Business & Industry Endorsement



Four Year Plan

PERIOD	9 TH	10 TH	11 TH	12 TH
1	English I (1214) or Pre-AP English I (1215)	English II or Pre-AP English II	AP English III or ENGL 1301/1302 DC	AP English IV or ENGL 2322/2323 DC
2	Algebra I (2214) or Pre-AP Geometry (2225)	Geometry or Pre-AP Algebra II	Algebra II or Pre-AP Pre-Calculus or DE	Pre-Calculus or AP Calculus AB/BC
3	Biology (3224) or Pre-AP Biology (3225)	Chemistry or Pre-AP Chemistry	AP Physics or PHYS 2425 DC	AP Environmental Science
4	AVID (8545) or Elective	World History or Pre-AP World History AP World History	U.S. History or AP U.S. History	AP Govt / AP Eco or GOVT 2305 DC/ ECON 1301 DC
5	Spanish I (5211) or Spanish II (5214)	Spanish II or Spanish III	Advanced Construction Management DC (3 cr)	Advanced Construction Technology DC (3 cr)
6	Principles of Architecture & Construction (7110)	Construction Management (1 cr) Construction Technology (1 cr)		
7	PE (8213) /PE Sub./Elective			
8	Elective	Fine Arts Elective	Elective	Elective
TOTAL CREDITS	8	8	8	8

Fine Arts Electives	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
Construction Technology Majors will choose ONE Fine Arts elective	Art I (6411) Theater Arts I (6441) Theatre Prod (6451) Tech Theatre I (6461) Choir I (6621) M Band I (6821/6841) Orchestra I (6651) Mariachi I (6811) Jazz Band I (6651) Dance I (6611)	Art II Theater Arts II Theatre Prod II Tech Theatre II Choir II Marching Band II Orchestra II Mariachi II Jazz Band II Dance II	Art III Theater Arts III Theatre Prod III Tech Theatre III Choir III Marching Band III Orchestra III Mariachi III Jazz Band III Dance III	Art IV Theater Arts IV Theatre Prod IV Tech Theatre IV Choir IV Marching Band IV Orchestra IV Mariachi IV Jazz Band IV Dance IV
PE/PE Substitutes	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
Construction Technology Majors will choose ONE PE/PE Substitute	M Band I (6821/6841) Dance I (6611) JROTC I (8441) Athletics (83xx) Foundations (8213) Spirit Groups (8151)	Marching Band II Dance II JROTC II Athletics Indiv/Team Sports (8214) Spirit Groups	Marching Band III Dance III JROTC III Athletics Aerobics (8216) PE 3 (8219) Spirit Groups	Marching Band IV Dance IV JROTC IV Athletics Spirit Groups

Spirit Groups Include - Pep Squad, Cheerleading, Drill Team

Additional Electives	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
Construction Technology Majors may choose from the following electives if schedule allows	World Geography (4214)	Professional Communications DC or Communication Applications DC	Building Maintenance Technology	Electrical Technology

Students must meet TSI requirements identified by the Alamo Colleges prior to enrollment in dual credit courses. Advanced Placement courses are available to prepare students for rigorous college coursework. All students will participate in UIL, student leadership and service opportunities while in high school.

DC – Dual Credit DE – Dual Enrollment at UT
AP – Advanced Placement Pre-AP – Pre-Advanced Placement
New Courses/Sequences

Construction Technology Institute 4-Year Plan

Lanier HS Class of 2020 & Beyond



Lanier High School Class of 2020

Cosmetology Pathway – Public Service Endorsement



Four Year Plan				
PERIOD	9 TH	10 TH	11 TH	12 TH
1	English I (1214) or Pre-AP English I (1215)	English II or Pre-AP English II	AP English III or ENGL 1301/1302 DC	AP English IV or ENGL 2322/2323 DC
2	Algebra I (2214) or Pre-AP Geometry (2225)	Geometry or Pre-AP Algebra II	Algebra II or Pre-AP Pre-Calculus or DE	Pre-Calculus or AP Calculus AB/BC
3	Biology (3224) or Pre-AP Biology (3225)	Chemistry or Pre-AP Chemistry	Physics	Anatomy & Physiology
4	AVID (8545) or Elective	World History or Pre-AP World History AP World History	U.S. History or AP U.S. History	AP Govt / AP Eco or GOVT 2305 DC/ ECON 1301 DC
5	Spanish I (5211) or Spanish II (5214)	Spanish II or Spanish III	Cosmetology II DC (3 cr)	Practicum in Human Services DC (3 cr)
6	Introduction to Cosmetology (7474)	Cosmetology I (2 cr)		
7	PE (8213) /PE Sub./Elective			
8	Elective	Fine Arts Elective	Elective	Elective
TOTAL CREDITS	8	8	8	8

Cosmetology Pathway 4-Year Plan

Lanier HS Class of 2020 & Beyond

Fine Arts Electives	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
Cosmetology Majors will choose ONE Fine Arts elective	Art I (6411) Theater Arts I (6441) Theatre Prod (6451) Tech Theatre I (6461) Choir I (6621) M Band I (6821/6841) Orchestra I (6651) Mariachi I (6811) Jazz Band I (6651) Dance I (6611)	Art II Theater Arts II Theatre Prod II Tech Theatre II Choir II Marching Band II Orchestra II Mariachi II Jazz Band II Dance II	Art III Theater Arts III Theatre Prod III Tech Theatre III Choir III Marching Band III Orchestra III Mariachi III Jazz Band III Dance III	Art IV Theater Arts IV Theatre Prod IV Tech Theatre IV Choir IV Marching Band IV Orchestra IV Mariachi IV Jazz Band IV Dance IV
PE/PE Substitutes	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
Cosmetology Majors will choose ONE PE/PE Substitute	M Band I (6821/6841) Dance I (6611) JROTC I (8441) Athletics (83xx) Foundations (8213) Spirit Groups (8151)	Marching Band II Dance II JROTC II Athletics Indiv/Team Sports (8214) Spirit Groups	Marching Band III Dance III JROTC III Athletics Aerobics (8216) PE 3 (8219) Spirit Groups	Marching Band IV Dance IV JROTC IV Athletics Spirit Groups

Spirit Groups Include - Pep Squad, Cheerleading, Drill Team

Additional Electives	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
Cosmetology Majors may choose from the following electives if schedule allows	World Geo (4214) Journalism (1718) Web Tech (7706) Bus. Info Mgmt. (7302)	Professional Communications DC or Communication Applications DC	Business Management	Entrepreneurship

Students must meet TSI requirements identified by the Alamo Colleges prior to enrollment in dual credit courses. Advanced Placement courses are available to prepare students for rigorous college coursework. All students will participate in UIL, student leadership and service opportunities while in high school.

DC – Dual Credit DE – Dual Enrollment at UT
AP – Advanced Placement Pre-AP – Pre-Advanced Placement
New Courses/Sequences



Lanier High School Class of 2020

Culinary Pathway – Business & Industry Endorsement



Four Year Plan				
PERIOD	9 TH	10 TH	11 TH	12 TH
1	English I (1214) or Pre-AP English I (1215)	English II or Pre-AP English II	AP English III or ENGL 1301/1302 DC	AP English IV or ENGL 2322/2323 DC
2	Algebra I (2214) or Pre-AP Geometry (2225)	Geometry or Pre-AP Algebra II	Algebra II or Pre-AP Pre-Calculus or DE	Pre-Calculus or AP Calculus AB/BC
3	Biology (3224) or Pre-AP Biology (3225)	Chemistry or Pre-AP Chemistry	Physics	Food Science
4	AVID (8545) or Elective	World History or Pre-AP World History AP World History	U.S. History or AP U.S. History	AP Govt / AP Eco or GOVT 2305 DC/ ECON 1301 DC
5	Spanish I (5211) or Spanish II (5214)	Spanish II or Spanish III	Practicum in Culinary Arts DC (3 cr)	Practicum in Culinary Arts II DC (3 cr)
6	Principles of Hospitality & Tourism (7426)	Culinary Arts (2 cr)		
7	PE (8213) /PE Sub./Elective			
8	Elective	Fine Arts Elective	Elective	Elective
TOTAL CREDITS	8	8	8	8

Culinary Pathway 4-Year Plan

Lanier HS Class of 2020 & Beyond

Fine Arts Electives	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
Culinary Majors will choose ONE Fine Arts elective	Art I (6411) Theater Arts I (6441) Theatre Prod (6451) Tech Theatre I (6461) Choir I (6621) M Band I (6821/6841) Orchestra I (6651) Mariachi I (6811) Jazz Band I (6651) Dance I (6611)	Art II Theater Arts II Theatre Prod II Tech Theatre II Choir II Marching Band II Orchestra II Mariachi II Jazz Band II Dance II	Art III Theater Arts III Theatre Prod III Tech Theatre III Choir III Marching Band III Orchestra III Mariachi III Jazz Band III Dance III	Art IV Theater Arts IV Theatre Prod IV Tech Theatre IV Choir IV Marching Band IV Orchestra IV Mariachi IV Jazz Band IV Dance IV
PE/PE Substitutes	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
Culinary Majors will choose ONE PE/PE Substitute	M Band I (6821/6841) Dance I (6611) JROTC I (8441) Athletics (83xx) Foundations (8213) Spirit Groups (8151)	Marching Band II Dance II JROTC II Athletics Indiv/Team Sports (8214) Spirit Groups	Marching Band III Dance III JROTC III Athletics Aerobics (8216) PE 3 (8219) Spirit Groups	Marching Band IV Dance IV JROTC IV Athletics Spirit Groups

Spirit Groups Include - Pep Squad, Cheerleading, Drill Team

Additional Electives	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
Culinary Majors may choose from the following electives if schedule allows	World Geo (4214) Journalism (1718) Web Tech (7706) Bus. Info Mgmt. (7302)	Professional Communications DC or Communication Applications DC	Business Management	Entrepreneurship

Students must meet TSI requirements identified by the Alamo Colleges prior to enrollment in dual credit courses. Advanced Placement courses are available to prepare students for rigorous college coursework. All students will participate in UIL, student leadership and service opportunities while in high school.

DC – Dual Credit DE – Dual Enrollment at UT
AP – Advanced Placement Pre-AP – Pre-Advanced Placement
New Courses/Sequences



Lanier High School Class of 2020

Engineering Institute – STEM Endorsement



Four Year Plan				
PERIOD	9 TH	10 TH	11 TH	12 TH
1	English I (1214) or Pre-AP English I (1215)	English II or Pre-AP English II	AP English III or ENGL 1301/1302 DC	AP English IV or ENGL 2322/2323 DC
2	Algebra I (2214) or Pre-AP Geometry (2225)	Geometry or Pre-AP Algebra II	Algebra II or Pre-AP Pre-Calculus or DE	Pre-Calculus or AP Calculus AB/BC
3	Biology (3224) or Pre-AP Biology (3225)	Chemistry or Pre-AP Chemistry	AP Physics or PHYS 2425 DC	AP Environmental Science
4	AVID (8545) or Elective	World History or Pre-AP World History	U.S. History or AP U.S. History	AP Govt / AP Eco or GOVT 2305 DC/ECON 1301 DC
5	Spanish I (5211) or Spanish II (5214)	Spanish II or Spanish III	Engineering Design & Presentation (1 cr) Robotics & Automation (2 cr)	Advanced Engineering Design & Presentation DC (3 cr)
6	Concepts of Engineering & Technology (7826)	Biotechnology		
7	PE (8213)/PE Sub./Elective	Fine Arts Elective		
8	Elective	Elective	Elective	Elective
TOTAL CREDITS	8	8	8	8

Fine Arts Electives	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
Engineering Majors will choose ONE Fine Arts elective	Art I (6411) Theater Arts I (6441) Theatre Prod (6451) Tech Theatre I (6461) Choir I (6621) M Band I (6821/6841) Orchestra I (6651) Mariachi I (6811) Jazz Band I (6651) Dance I (6611)	Art II Theater Arts II Choir II Marching Band II Orchestra II Mariachi II Jazz Band II Dance II	Art III Theater Arts III Choir III Marching Band III Orchestra III Mariachi III Jazz Band III Dance III	Art IV Theater Arts IV Choir IV Marching Band IV Orchestra IV Mariachi IV Jazz Band IV Dance IV

PE/PE Substitutes	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
Engineering Majors will choose ONE PE/PE Substitute	M Band I (6821/6841) Dance I (6611) JROTC I (8441) Athletics (83xx) Foundations (8213) Spirit Groups (8151)	Marching Band II Dance II JROTC II Athletics Indiv/Team Sports (8214) Spirit Groups	Marching Band III Dance III JROTC III Athletics Aerobics (8216) PE 3 (8219) Spirit Groups	Marching Band IV Dance IV JROTC IV Athletics Spirit Groups

Spirit Groups Include - Pep Squad, Cheerleading, Drill Team

Additional Electives	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
Engineering Majors may choose from the following electives if schedule allows	World Geography (4214)	Professional Communications DC or Communication Applications DC	Advanced Biotechnology	Engineering Mathematics or Scientific Research & Design

Students must meet TSI requirements identified by the Alamo Colleges prior to enrollment in dual credit courses. Advanced Placement courses are available to prepare students for rigorous college coursework. All students will participate in UIL, student leadership and service opportunities while in high school.

DC – Dual Credit DE – Dual Enrollment at UT
AP – Advanced Placement Pre-AP – Pre-Advanced Placement
New Courses/Sequences

Engineering Institute 4-Year Plan

Lanier HS Class of 2020 & Beyond



Lanier High School Class of 2020

Graphic Design Pathway – Business & Industry Endorsement



Four Year Plan				
PERIOD	9 TH	10 TH	11 TH	12 TH
1	English I (1214) or Pre-AP English I (1215)	English II or Pre-AP English II	AP English III or ENGL 1301/1302 DC	AP English IV or ENGL 2322/2323 DC
2	Algebra I (2214) or Pre-AP Geometry (2225)	Geometry or Pre-AP Algebra II	Algebra II or Pre-AP Pre-Calculus or DE	Pre-Calculus or AP Calculus AB/BC
3	Biology (3224) or Pre-AP Biology (3225)	Chemistry or Pre-AP Chemistry	Physics	Anatomy & Physiology
4	AVID (8545) or Elective	World History or Pre-AP World History AP World History	U.S. History or AP U.S. History	AP Govt / AP Eco or GOVT 2305 DC/ ECON 1301 DC
5	Spanish I (5211) or Spanish II (5214)	Spanish II or Spanish III	Advanced Printing & Imaging Technology DC (3 cr)	Printing & Imaging Practicum DC (3 cr)
6	Principles of Arts, Audio/ Video Technology (7212)	Printing & Imaging Technology		
7	PE (8213) /PE Sub./Elective	Fine Arts Elective		
8	Elective	Elective	Elective	Elective
TOTAL CREDITS	8	8	8	8

Graphic Design Pathway 4-Year Plan

Lanier HS Class of 2020 & Beyond

Fine Arts Electives	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
Graphic Design Majors will choose ONE Fine Arts elective	Art I (6411) Theater Arts I (6441) Theatre Prod (6451) Tech Theatre I (6461) Choir I (6621) M Band I (6821/6841) Orchestra I (6651) Mariachi I (6811) Jazz Band I (6651) Dance I (6611)	Art II Theater Arts II Theatre Prod II Tech Theatre II Choir II Marching Band II Orchestra II Mariachi II Jazz Band II Dance II	Art III Theater Arts III Theatre Prod III Tech Theatre III Choir III Marching Band III Orchestra III Mariachi III Jazz Band III Dance III	Art IV Theater Arts IV Theatre Prod IV Tech Theatre IV Choir IV Marching Band IV Orchestra IV Mariachi IV Jazz Band IV Dance IV

PE/PE Substitutes	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
Graphic Design Majors will choose ONE PE/PE Substitute	M Band I (6821/6841) Dance I (6611) JROTC I (8441) Athletics (83xx) Foundations (8213) Spirit Groups (8151)	Marching Band II Dance II JROTC II Athletics Indiv/Team Sports (8214) Spirit Groups	Marching Band III Dance III JROTC III Athletics Aerobics (8216) PE 3 (8219) Spirit Groups	Marching Band IV Dance IV JROTC IV Athletics Spirit Groups

Spirit Groups Include - Pep Squad, Cheerleading, Drill Team

Additional Electives	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
Graphic Design Majors may choose from the following electives if schedule allows	World Geo (4214) Journalism (1718) Web Tech (7706) Bus. Info Mgmt. (7302) Art I - Art & Media Comm. I (6511)	Professional Communications DC or Communication Applications DC	Art II - Digital Art & Media	Art III - Digital Art & Media II

Students must meet TSI requirements identified by the Alamo Colleges prior to enrollment in dual credit courses. Advanced Placement courses are available to prepare students for rigorous college coursework. All students will participate in UIL, student leadership and service opportunities while in high school.

DC – Dual Credit DE – Dual Enrollment at UT
AP – Advanced Placement Pre-AP – Pre-Advanced Placement
New Courses/Sequences



Lanier High School Class of 2020

Teacher Education Pathway – Public Service Endorsement



Four Year Plan

PERIOD	9 TH	10 TH	11 TH	12 TH
1	English I (1214) or Pre-AP English I (1215)	English II or Pre-AP English II	AP English III or ENGL 1301/1302 DC	AP English IV or ENGL 2322/2323 DC
2	Algebra I (2214) or Pre-AP Geometry (2225)	Geometry or Pre-AP Algebra II	Algebra II or Pre-AP Pre-Calculus or DE	Pre-Calculus or AP Calculus AB/BC
3	Biology (3224) or Pre-AP Biology (3225)	Chemistry or Pre-AP Chemistry	Physics	Anatomy/Physiology
4	AVID (8545) or Elective	World History or Pre-AP World History	U.S. History or AP U.S. History	AP Govt / AP Eco or GOVT 2305 DC/ECON 1301 DC
5	Spanish I (5211) or Spanish II (5214)	Spanish II or Spanish III	Elective	Psychology/Sociology
6	Principles of Education & Training (7402)	Human Growth & Development	Instructional Practices in Education & Training (DC) (2 cr)	Education & Training I Practicum (DC) (3 cr)
7	Fine Arts Elective	Child Development		
8	PE (8213) /PE Sub./Elective	Elective		
TOTAL CREDITS	8	8	8	8

Teacher Education Pathway 4-Year Plan

Lanier HS Class of 2020 & Beyond

Fine Arts Electives	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
Teacher Education Majors will choose ONE Fine Arts elective	Art I (6411) Theater Arts I (6441) Theatre Prod (6451) Tech Theatre I (6461) Choir I (6621) M Band I (6821/6841) Orchestra I (6651) Mariachi I (6811) Jazz Band I (6651) Dance I (6611)	Art II Theater Arts II Theatre Prod II Tech Theatre II Choir II Marching Band II Orchestra II Mariachi II Jazz Band II Dance II	Art III Theater Arts III Theatre Prod III Tech Theatre III Choir III Marching Band III Orchestra III Mariachi III Jazz Band III Dance III	Art IV Theater Arts IV Theatre Prod IV Tech Theatre IV Choir IV Marching Band IV Orchestra IV Mariachi IV Jazz Band IV Dance IV
PE/PE Substitutes	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
Teacher Education Majors will choose ONE PE/PE Substitute	M Band I (6821/6841) Dance I (6611) JROTC I (8441) Athletics (83xx) Foundations (8213) Spirit Groups (8151)	Marching Band II Dance II JROTC II Athletics Indiv/Team Sports (8214) Spirit Groups	Marching Band III Dance III JROTC III Athletics Aerobics (8216) PE 3 (8219) Spirit Groups	Marching Band IV Dance IV JROTC IV Athletics Spirit Groups

Spirit Groups Include - Pep Squad, Cheerleading, Drill Team

Additional Electives	Level I Courses	Level II Courses	Level III Courses	Advanced Courses
Teacher Education Majors may choose from the following electives if schedule allows	World Geo (4214) Journalism (1718) Web Tech (7706) Bus. Info Mgmt. (7302) Digital & Interactive Media (7702)	Professional Communications DC or Communication Applications DC	Business Information Management I	Web Technologies

Students must meet TSI requirements identified by the Alamo Colleges prior to enrollment in dual credit courses. Advanced Placement courses are available to prepare students for rigorous college coursework. All students will participate in UIL, student leadership and service opportunities while in high school.

DC – Dual Credit DE – Dual Enrollment at UT
AP – Advanced Placement Pre-AP – Pre-Advanced Placement
New Courses/Sequences



Section VII:

Crosswalk to College and Career

SAISD

SAISD Disclaimer:

The contents of the High School Information Guide are relevant to SAISD Policy (LEGAL and LOCAL) and Administrative Procedures as of January 2016. For current information regarding district policy, please refer to the San Antonio Independent School District website at [SAISD Board Policy Manual](#) or visit with your school counselor.

Specific school-related questions should be directed to campus staff. When a parent or guardian has a question or concern, he or she should contact the person who made the initial decision. If the concern continues after the discussion, the principal should be contacted.

San Antonio Independent School District does not discriminate on the basis of race, religion, color national origin, sex, or disability in providing education services, activities, and programs, including vocational programs, in accordance with Title VI of the Civil Rights Act of 1964, as amended; Title IX of the Educational Amendments of 1972; section 504 of the Rehabilitation Act of 1973, as amended.

Transition to College/Career

High school is full of important academic developments, deadlines and tasks to complete. Information presented in this section by specific grade level will help you successfully navigate high school years as you prepare for college, careers and life.

High School: A Gateway to the Future

All students deserve an education that prepares them for higher education, rewarding careers and life. To ensure that every student leaves our schools ready to succeed as they take their next step, they need access to challenging academic study, lessons that are relevant and real world, with quality instruction every day.

Parents, family members and other influential adults in the community can help students achieve success and make more informed choices about their future. One of the decisions you can influence is that students take challenging courses in high school that meet or exceed expectations placed on them in college and in the workforce. In fact, taking demanding courses in high school is the single best predictor of how well students will do in higher education.

Start Now

It's never too early or too late to know your options and start planning for the future. And sometimes creating a college and career plan is all it takes – so every student should have one by their freshman year in high school. It's important to keep in mind that these plans may change as a student completes each grade level. Plans can take on many different forms. They can be found online, printed in traditional formats, or developed with help from many different people, like family members, counselors, teachers or mentors.

You can help by taking an active role:

- Guide or coach students to make choices in high school that prepare them for college and careers such as taking a rigorous course of study, participating in career development activities like job shadows, internships or senior/capstone projects and other extracurricular activities.
- Inspire your student with the idea that everyone can succeed academically and go to college.
- Set goals that include going to college and pursuing a career.

Aim High

Taking challenging courses in high school is the single best predictor of how well students will do in higher education. Completing a rigorous course of study is essential. Encourage your child to take Pre AP and AP courses in the subjects they plan to pursue after high school.

Provide help by taking an active role in:

- Expanding Horizons – Encourage your child to accept challenging opportunities like advanced placement courses, dual credit, online courses, jobs/internships, afterschool programs, athletics and clubs.
- Finding Support – Encourage your child to get academic support so they can pass all their classes and maintain good attendance. Many schools and youth programs have tutoring, afterschool and summer enrichment programs, and other activities to support academic achievement.
- Enlisting Help – Contact a teacher, counselor or principal for more information on how to help. You can find a directory of schools and contact information at www.saisd.net.

Look Beyond

Learning from books and earning good grades aren't enough to guarantee a successful future. Students need exposure to the world of work and other "real life" experiences. Time outside the classroom will help your child think creatively and critically, and develop work skills that lead to professional behaviors such as persistence and responsibility.

Provide support by taking an active role in:

- Promoting Awareness – Encourage your child to visit the GO Center on their high school campus to investigate a variety of career and college options.
- Encouraging Experience – Help your child identify jobs, internships, volunteer opportunities and other career-focused activities to gain experience for the future.
- Finding Enrichment – Encourage students to participate in activities such as athletics and clubs.

Parents

- Ensure your child attends school daily.
- Meet with your child's guidance counselor annually (at minimum) to ensure they are on target to graduate from high school and prepared for college and careers.
- Attend Freshman Orientation and meet your child's teachers.
- Explore savings plans and other financial aid options for college.
- Visit one or more local colleges with your child.
- Visit CafeCollege.org and click on Freshmen.
- Review your child's 10th grade course slip in the spring.

Students

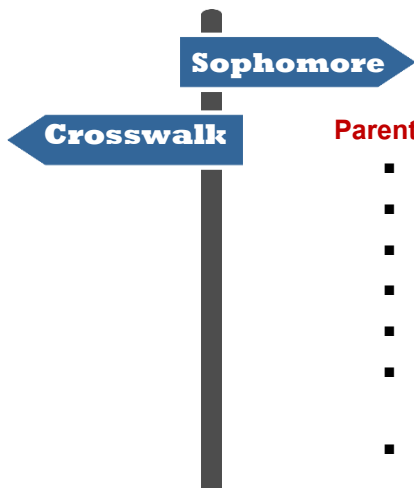
- Attend school every day, all day.
- Maintain a high 3.0 or above GPA (Grade Point Average).
- Earn 6.0 credits by the end of 9th grade to be classified as a sophomore.
- Take rigorous classes in English, math, science and social studies (Pre-AP/ AP/ IB).
- Create a personal, online college and career portfolio.
- Research and practice writing college admissions essays. Ask your English teacher to review and provide feedback so you can file the essay in your electronic folder for later submission in a college application.
- Master technical skills to navigate digital environments.
- Use a daily planner. Get organized and stay organized. Prioritize your homework/test dates/sports activities and personal activities.
- Get involved in extracurricular activities and earn 25 service hours through school or community activities.
- Develop a resume. Include information about your coursework, extracurricular activities, awards and achievements in your online college and career portfolio.
- Research college resources available to you. Visit the campus GO Center, Upward Bound program, tutoring and mentoring programs, Project STAY and SA Partnership Advisors.
- Pass the End-of Course exams (STAAR) for all four core subjects.
- Visit Café College and sign-up for activities/events.
- Enroll in AVID.



9th Grade College Checklist

Get ready for college now! Prepare by taking college preparatory courses beginning in the 9th grade.

- | | |
|---|---|
| ✓ Take the most challenging courses possible. They're worth it. | ✓ Talk to your high school counselor about creating a college admissions plan. |
| ✓ Start thinking about your dream career. Collect information and save. | ✓ Talk to your parents about saving for college. Talk to your high school counselor about financial aid, too. |
| ✓ Talk to people with interesting jobs and ask lots of questions. | ✓ Join extracurricular activities and volunteer for community service projects. School is not just about academics. |
| ✓ Go to career day at your school or elsewhere. | ✓ Scope out summer enrichment programs that focus on a particular subject, such as science or math. |
| ✓ Investigate technical dual credit courses – you can get college credit for classes you take in high school. | ✓ Grades are one of the top things universities consider. Earn the highest grades you can. |



Parents

- Ensure your child attends school daily.
- Talk with guidance counselors about college admissions and scholarships.
- Attend Back-to-School Night and meet your child's teachers.
- Explore savings plans and other financial aid options.
- Visit a college or university with your child that is outside of San Antonio.
- Attend several college and career information sessions available on campus and throughout the city.
- Know and understand the college readiness and admissions exams your child will take in high school (TSI, PSAT, SAT and ACT).
- Attend test prep sessions to identify academic strengths/weaknesses and career interests. Discuss results with your child.
- Review your child's 11th grade course slip in the spring.

Students

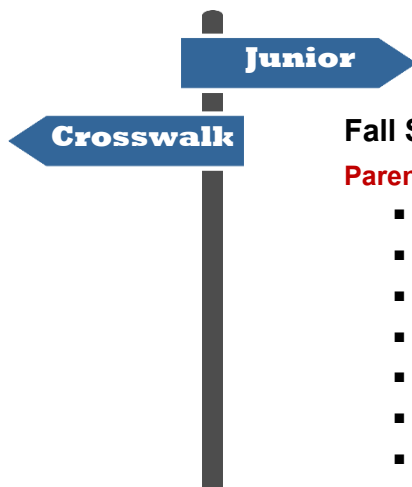
- Attend school every day, all day.
- Maintain a high 3.0 or above GPA.
- Take the PSAT exam in October to determine your college ready level. Discuss results with your parent/guardian.
- Enroll in Pre-AP/IB and/or AP courses.
- Participate in at least one school or community-based extracurricular activity.
- Get organized, and stay organized. Make a schedule of your weekly activities.
- Update your resume and keep it in your online college and career folder.
- Enroll in rigorous English, math, science and social studies classes.
- Take practice college entrance exams online (SAT, ACT, PSAT, TSI).
- Review and revise the admissions essay you wrote as a freshman.
- Begin to research college/university and scholarship opportunities.
- Participate in 25 service hours and document the hours you spend on each project.
- Ask an adult to sign and date your documentation log, and save in your college and career folder.
- Visit a college or university outside of San Antonio.
- Attend events at Café College.
- Attend College Night in October and College Fairs throughout the city or at your campus.
- Take the TSI exam if you want to enroll in dual credit courses as a junior.
- Visit the GO Center at your high school - OFTEN!
- Enroll in AVID.



10th Grade College Checklist

Applying for college is just two years away. Continue taking college preparatory courses to be ready for college-level work.

- ✓ Take the most challenging courses you can this year.
- ✓ Discuss your college plans with your high school counselor at least once a semester.
- ✓ Explore your options for dual credit courses – you can get college credit for technical classes you take in high school.
- ✓ Plan to take the Preliminary Scholastic Aptitude Test®/ National Merit Scholarship Qualifying Test (PSAT/NMSQT). It's the key to many scholarships.
- ✓ Read! Read! Read! Work on your writing skills.
- ✓ Learn about current affairs. Stay informed about local, state, national and world issues.
- ✓ Maintain a high GPA.
- ✓ Take part in summer enrichment programs and special workshops that focus on a particular subject, such as science or math.
- ✓ Update your record of activities and/or community service projects, including recent accomplishments and awards.
- ✓ Start planning the extracurricular activities you want to pursue next year.



Fall Semester

Parents

- Ensure your child attends school every day.
- Schedule meetings with your child's guidance counselor to review class schedule and 4-year plan.
- Attend Back-to-School Night and meet your child's teachers.
- Check with the counselor regarding all graduation requirements.
- Explore savings plans and other financial aid options.
- Talk with guidance counselors about colleges and financial aid packages.
- Attend College Night in October and talk to college representatives.
- Attend a Saturday Education Workshop Series to learn how to access FREE money for college.
- Visit Café College, 131 El Paso St., 78204.

Students

- Attend school every day, all day.
- Maintain a high 3.0 or above GPA.
- Take the PSAT/NMSQT in October. You must take it this year to qualify for the National Merit Scholarship Program. Discuss results with your parent/guardian.
- Strive for leadership roles in extracurricular activities.
- Complete the FAFSA (Free Application for Federal Student Aid) 4caster and sign up for your FAFSA PIN.
- Explore internship opportunities.
- Update your resume and save in your online portfolio.
- Write and revise THREE different college essays using sample essay prompts. Save revised essays in your electronic college folder.
- Request information and admissions applications from colleges.
- Get organized, and stay organized. Create folders for college and scholarship applications.
- Take rigorous classes in English, math, science and social studies (AP/IB/Dual Credit).
- Attend College Night in October and meet college representatives.

- Visit Café College and attend free college exam test prep sessions.
- Visit the GO Center at your high school early and often.
- Check your SAISD email daily.
- Enroll in AVID, AP and Dual Credit classes.
- Register for a college test prep session on campus or at Café College.

Spring Semester

Parents

- Ensure your child attends school daily.
- Check with the guidance counselor about fee waivers available for college entrance exams.
- Visit college campuses with your child.
- Start researching and applying for all available scholarships.
- Attend college and career informational meetings offered by your high school guidance counselors.
- Make sure your child is registered to take the SAT and/or ACT.
- Attend Financial Aid Nights at your high school.
- Verify the number of credits your child has earned and review/approve their 12th grade course slip.

Students

- Attend school every day, all day.
- Maintain a high 3.0 or above GPA.
- Take the SAT and ACT for the first time. Check test administration schedule and register for the tests at least six weeks in advance.
- Take AP exams.
- Begin to write a personal statement for your college application and ask your English teacher to proofread your statement.
- Request and complete scholarship applications from multiple organizations.
- Get organized, and stay organized. Request letters of recommendation from adults who will speak highly about your academic, civic and personal qualifications for college scholarships. Complete a “BRAG” sheet to share with them.
- Continue rigorous classes in English, math, science and social studies (AP/IB/Dual Credit).
- Attend college fairs and meet college representatives.
- Participate in a test prep workshop for ACT/SAT/TSI prior to taking the exam.
- Take free practice PSAT & SAT online exams through KHAN Academy.
- Take as many practice tests as possible, both online and paper/pencil.
- Join a campus club, organization, team or community group. Colleges are looking for well-rounded candidates.
- Complete and document 25 service learning hours.
- Update your college and career portfolio monthly.
- Visit the GO Center and Café College on a regular basis.
- Check your SAISD email daily for information from your school counselor.
- Know the names of your campus representatives from Project STAY, San Antonio Education Partnership and GO Center College Advisors. Make sure they know YOU!
- Earn college credit through enrollment in AP/IB and /or Dual Credit Courses.



11th Grade College Checklist

Only one more year until you begin the college application process. Continue progress towards reaching your college goals.

- ✓ Seek out your high school counselor for information and advice.
- ✓ If your EOC 10th Grade College Readiness Indicator shows you're not ready for college work, meet with your counselor to create a plan so that you'll be prepared when you graduate.
- ✓ Take the most challenging courses possible and sign up for summer enrichment programs.
- ✓ Earn college credit in high school by taking Advanced Placement (AP), International Baccalaureate (IB), Dual or Concurrent Credit, and Tech Prep courses.
- ✓ Take the Preliminary Scholastic Aptitude Test®/National Merit Scholarship Qualifying Test (PSAT/NMSQT) in October.
- ✓ Expand your extracurricular activities. Look for work or internships in fields that interest you.
- ✓ Attend college nights, college fairs, and other informative events.
- ✓ Discuss college choices with your parents.
- ✓ List ten schools you would like to attend and request catalogs, admission requirements, applications, and financial aid information.
- ✓ Take the SAT and ACT in the spring of your junior year.

Senior

Crosswalk

Fall Semester

Parents

- Ensure your child attends school all day, every day.
- Register for your FSA PIN.
- Familiarize yourself with the FAFSA process and timelines.
- Attend a FAFSA workshop.
- Explore savings plans and other financial aid options.
- Talk with guidance counselors about colleges and financial aid.
- Attend college fairs and visit college campuses. Speak with representatives at each visit.
- Attend financial aid events at your high school.
- Verify with your child's counselor they are on track to graduate in June.

Students

- Attend school every day, all day.
- Maintain a high 3.0 or above GPA.
- Retake the SAT, ACT and SAT Subject Tests in October or other college admissions exams (if needed to increase your score).
- Prepare and submit admissions and scholarship applications on time.
- Complete ApplyTexas online in the GO Center by November 15th.
- Obtain necessary documents (transcripts, letters of recommendation, etc.) at least two weeks before your application deadlines.
- Get organized, and stay organized. Create a calendar of college and scholarship application deadlines.
- Continue rigorous classes in English, math, science and social studies (AP/IB/Dual Credit).
- Visit college campuses with your parents, high school or a community organization.

- Interview college students to learn more about campus and college life.
- Demonstrate key content knowledge and academic behaviors through writing and critical analysis assignments in core senior classes.
- Earn college credit through enrollment in AP and /or Dual Credit courses.
- Attend C² events at Café College and your high school.

Spring Semester

Parents

- Insist that your child goes to school every day and attends every class!
- Make sure the FAFSA is submitted by college, university or state deadlines.
- Talk with college financial aid counselors about financial aid packages.
- Research ways to cut college costs.
- Encourage your child to submit and meet college and scholarship application deadlines.
- Verify that your child earned the required credits for graduation in semester one, and they are enrolled in current semester two courses to earn required credits for graduation.

Students

- Attend school every day, all day.
- Continue to maintain a high 3.0 or above GPA.
- Explore career, job and internship opportunities.
- Complete the final steps of the financial aid process.
- Get organized, stay organized; Stay on top of your deadlines!
- Apply for financial aid by completing the FAFSA as soon as possible after January 1st. (Class of 2017 and beyond – FAFSA will open on October 1st. Apply EARLY!)
- Confirm that your SAR (Student Aid Report) is correct.
- Check with the colleges you've applied to regarding on-campus housing application deadlines.
- If you're planning to attend a community college, take placement tests and register for courses in the summer and/or fall.
- Complete and submit FAFSA online prior to deadlines.
- Demonstrate key content knowledge and academic behaviors through writing and critical analysis assignments in core senior classes.
- Earn college credit through enrollment in AP and /or Dual Credit courses.
- Attend C2 events at Café College and your high school.



12th Grade College Checklist

It's time to apply to colleges you'd like to attend. Prepare for college-level work.

- ✓ Review class schedule with your counselor to ensure you meet all college-preparatory requirements.
- ✓ Earn college credit in high school by taking Advanced Placement (AP), International Baccalaureate (IB), Dual or Concurrent Credit, and Tech Prep courses.
- ✓ Attend college nights, college fairs, and other informative events.
- ✓ Begin the college application process in September. Submit admissions applications no later than December. Call to verify that the college or university received your materials.
- ✓ Check with your counselor about scholarship opportunities and fill out every scholarship application possible.
- ✓ Get a Free Application for Federal Student Aid (FAFSA) from your counselor, at www.fafsa.ed.gov, or by phone at 1-800-4-FED-AID.
- ✓ Complete and submit the FAFSA as soon as possible after January 1. The sooner you submit it, the better your chances for getting a good financial aid package.
- ✓ Provide written notification to the school you plan to attend. Provide regret letters to schools you did not select so they can offer admission to another student.
- ✓ Finalize college-housing arrangements, if you plan to live on campus.
- ✓ See an academic advisor at the college or university you will be attending. Then register early.
- ✓ Take part in summer orientation programs for incoming freshman.

YOU have been accepted by a College/University! NOW WHAT???

Parents

- Stay on top of your child's deadlines for college. Apply for campus housing, register for placement testing and student orientations.
- Talk to your child about money management skills.
- Get ready to send your son or daughter to college! Know what personal items are required for living in the dorms (i.e., sheets, towels, pillows, blankets, laundry basket, etc.).

Students

- Maintain a high 3.0 or above GPA. Your acceptance is conditional upon submission of your final transcript. Grades and attendance still count!
- Take AP or IB exams, if applicable.
- Most universities have a deadline to notify them of your enrollment; make sure you are aware of that deadline.
- Send final official transcript to the university you plan to attend.
- Apply for on-campus housing.
- Make reservations for placement testing, orientation and registration programs.
- Send thank you notes to those individuals who helped you during your college application process.

What's New and Different in College?	
HIGH SCHOOL	COLLEGE
Your time is structured by others.	YOU manage your own schedule.
Every day you move from one class directly to another.	Your classes are scheduled at different times throughout the day and into the evening hours.
You spend 6 hours a day- 30 hours a week- in class.	You spend 12-16 hours each week in class.
Classes generally have no more than 30 students.	Classes range in size from 15-300 students depending on the size of the university/college.
You are provided textbooks at no cost.	You must budget money for textbooks that may cost more than \$500 per semester.
Teachers are available for conversation before, during and after class.	Professors want and expect you to attend their scheduled office hours.
You may study outside of class anywhere from 0-10 hours a week.	You need to study at least 2-3 hours outside of class for EVERY HOUR in class.
You will usually be told in class what you need to learn from assigned lessons/readings.	It's up to you to read and understand the assigned material. Lectures and assignments are based on the assumption that you have read and understand the assignment BEFORE class.

Resources to Explore



[Know How to Go Booklet](#)

[What is College and Career Readiness?](#)

[C² College Survey](#)



[TASFA Instructions](#)

[TASFA Instrucciones \(Spanish\)](#)



[College Checklist](#)



[SAT vs. ACT](#)



[Do Your Own Thing Guide for Teens](#)



[Four Keys to C² Readiness](#)



[College Scavenger Hunt](#)



[Texas College and Career Readiness Standards](#)



Section IIX:

Career Clusters and Extended Learning Experiences



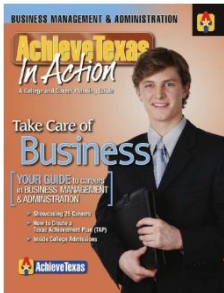
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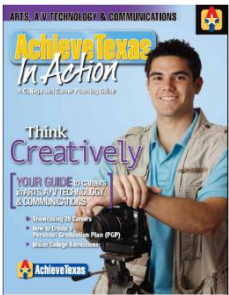
SAISD Disclaimer:




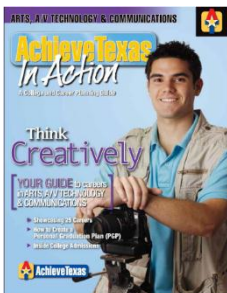
The contents of the High School Information Guide are relevant to SAISD Policy (LEGAL and LOCAL) and Administrative Procedures as of January 2016. For current information regarding district policy, please refer to the San Antonio Independent School District website at [SAISD Board Policy Manual](#) or visit with your school counselor.


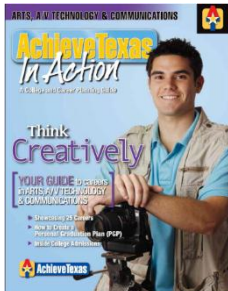
Specific school-related questions should be directed to campus staff. When a parent or guardian has a question or concern, he or she should contact the person who made the initial decision. If the concern continues after the discussion, the principal should be contacted.

San Antonio Independent School District does not discriminate on the basis of race, religion, color national origin, sex, or disability in providing education services, activities, and programs, including vocational programs, in accordance with Title VI of the Civil Rights Act of 1964, as amended; Title IX of the Educational Amendments of 1972; section 504 of the Rehabilitation Act of 1973, as amended.

<h1>Accounting-Finance-Business Pathway</h1> <h2>Business & Industry Endorsement</h2>		<div><h3>Highlands High School</h3></div> <div><h3>Lanier High School</h3></div>	
Extended Learning Experiences			
High School	<div><u>Business Management & Administration</u></div> <div></div>	<div>Curricular Experiences</div> <div><u>Business Professional of America</u></div> <div><u>DECA</u></div> <div><u>Future Business Leaders of America</u></div>	<div>Extracurricular Experiences</div> <div>Academic Decathlon</div> <div>Language Immersion Programs</div> <div>School Newspaper</div> <div>Student Government</div> <div>UIL Academic Competitions</div> <div>Yearbook</div>
	<div>Career Learning Experiences</div> <div>Career Preparation</div> <div>Job Shadowing</div> <div>Internship</div> <div>School-Based Enterprise or Computer Programming</div>	<div>Service Learning Experiences</div> <div>Boys and Girls Clubs of America</div> <div>Boy Scouts of America</div> <div>Campus Service Organizations</div> <div>Community Service Volunteer</div> <div>Girl Scouts of the USA</div> <div>Peer Mentoring/Peer Tutoring</div>	<div>Practicum and/or Work-Based Experiences</div> <div>Accounts Payable Assistant</div> <div>Assistant Bookkeeper</div> <div>Assistant Billing Clerk</div> <div>Cashier</div> <div>Office Assistant</div>
Post-Secondary Education Experiences			
Postsecondary	<div>Associate</div> <div>Programs of Study Include:</div> <div>Business Communication Management</div> <div>Business Computer Apps</div> <div>Integrated Software Apps</div> <div>Business Ethics</div> <div>Principles of Accounting-Financial</div>	<div>Bachelor</div> <div>Degree Opportunities Include:</div> <div>Banking Finance</div> <div>Business Administration</div> <div>Finance</div> <div>Financial Management</div> <div>Financial Services</div> <div>Real Estate Finance</div>	<div>Graduate</div> <div>Degree Opportunities Include:</div> <div>Accountancy</div> <div>Accounting-Government & Not-for-Profit</div> <div>Business Administration</div> <div>Finance</div> <div>Financial & Economics</div> <div>Quantitative Finance</div>
	<div>Career Options Include:</div> <div>Accountant</div> <div>Adjuster</div> <div>Billing Supervisor</div> <div>Mortgage Lender</div>	<div>Career Options Include:</div> <div>Auditor</div> <div>Collections Supervisor</div> <div>Cost Controller</div> <div>Credit Analyst</div> <div>Financial Accountant</div>	<div>Career Options Include:</div> <div>Chief Financial Officer</div> <div>Corporate Controller</div> <div>Financial Analyst</div> <div>Finance Director</div> <div>Treasury Analyst</div>
	Visit O*Net Online for more Career Options.		

Advertising Design Pathway		 Lanier High School	
Business & Industry Endorsement			
Extended Learning Experiences			
High School	<u>Arts, A/V Technology & Communications</u> 	Curricular Experiences <u>SkillsUSA</u> <u>Technology Student Association</u>	Extracurricular Experiences Art Club Language Immersion Programs School Newspaper Student Government UIL Academic Competitions Yearbook
	Career Learning Experiences Career Preparation Internship Job Shadowing	Service Learning Experiences Art Organizations Campus Service Organizations Community Service Volunteer Peer Mentoring / Peer Tutoring	Practicum and/or Work-Based Experiences Assistant Photographer CAD Technician Ceramicist Commercial Artist Graphic Design Printmaker Photographic Technician Scenic Artist Apprentice Sculptor Web Design Assistant
Post-Secondary Education Experiences			
Postsecondary	Associate	Bachelor	Graduate
	Programs of Study Include: Drawing Art Appreciation Digital Art Computer Illustration 2D Design 3D Design Basic Animation	Degree Opportunities Include: Advertising Art/Art History Business Cinematography Visual Arts Studies Visualization Science	Degree Opportunities Include: Art Education Art History Business Fiber/Textiles Visualization Science
	Career Options Include: Desktop Publisher Illustrator Painter Photographer	Career Options Include: Art/Creative Director Art Therapist Art Gallery Manager Graphic Designer Multimedia Artist/Animator Painter	Career Options Include: Curator Instructor/Professor
Visit O*Net Online for more Career Options.			

<h1>Animation Pathway</h1> <h2>Business & Industry Endorsement</h2>		<div> Burbank High School</div> <div> Jefferson High School</div> <div> Lanier High School</div>	
<h3>Extended Learning Experiences</h3>			
<div>High School</div>	<div><u>Arts, A/V Technology & Communications</u></div> <div></div>	<div>Curricular Experiences</div> <div><u>SkillsUSA</u></div> <div><u>Technology Student Association</u></div>	<div>Extracurricular Experiences</div> <div>Art Club</div> <div>Language Immersion Programs</div> <div>School Newspaper</div> <div>Student Government</div> <div>UIL Academic Competitions</div> <div>Yearbook</div>
	<div>Career Learning Experiences</div> <div>Career Preparation</div> <div>Internship</div> <div>Job Shadowing</div>	<div>Service Learning Experiences</div> <div>Art Organizations</div> <div>Campus Service Organizations</div> <div>Community Service Volunteer</div> <div>Peer Mentoring / Peer Tutoring</div>	<div>Practicum and/or Work-Based Experiences</div> <div>Assistant Photographer</div> <div>CAD Technician</div> <div>Ceramicist</div> <div>Commercial Artist</div> <div>Graphic Design</div> <div>Printmaker</div> <div>Photographic Technician</div> <div>Scenic Artist Apprentice</div> <div>Sculptor</div> <div>Web Design Assistant</div>
<h3>Post-Secondary Education Experiences</h3>			
<div>Postsecondary</div>	<div>Associate</div>	<div>Bachelor</div>	<div>Graduate</div>
	<div>Programs of Study Include:</div> <div>Drawing</div> <div>Art Appreciation</div> <div>Digital Art</div> <div>Computer Illustration</div> <div>2D Design</div> <div>3D Design</div> <div>Basic Animation</div>	<div>Degree Opportunities Include:</div> <div>Advertising</div> <div>Art/Art History</div> <div>Business</div> <div>Cinematography</div> <div>Visual Arts Studies</div> <div>Visualization Science</div>	<div>Degree Opportunities Include:</div> <div>Art Education</div> <div>Art History</div> <div>Business</div> <div>Fiber/Textiles</div> <div>Visualization Science</div>
	<div>Career Options Include:</div> <div>Desktop Publisher</div> <div>Illustrator</div> <div>Painter</div> <div>Photographer</div>	<div>Career Options Include:</div> <div>Art/Creative Director</div> <div>Art Therapist</div> <div>Art Gallery Manager</div> <div>Graphic Designer</div> <div>Multimedia Artist/Animator</div> <div>Painter</div>	<div>Career Options Include:</div> <div>Curator</div> <div>Instructor/Professor</div>
	<div>Visit O*Net Online for more Career Options.</div>		

<h1>Media & Film Institute</h1> <h2>Animation/Game Design Pathway</h2> <p>Business & Industry Endorsement</p>		 <h3>Brackenridge High School</h3>	
Extended Learning Experiences			
High School	<p><u>Arts, A/V Technology & Communications</u></p> 	<p>Curricular Experiences</p> <p><u>SkillsUSA</u></p> <p><u>Technology Student Association</u></p>	<p>Extracurricular Experiences</p> <p>Art Club</p> <p>Language Immersion Programs</p> <p>School Newspaper</p> <p>Student Government</p> <p>UIL Academic Competitions</p> <p>Yearbook</p>
	<p>Career Learning Experiences</p> <p>Career Preparation</p> <p>Internship</p> <p>Job Shadowing</p>	<p>Service Learning Experiences</p> <p>Art Organizations</p> <p>Campus Service Organizations</p> <p>Community Service Volunteer</p> <p>Peer Mentoring / Peer Tutoring</p>	<p>Practicum and/or Work-Based Experiences</p> <p>Assistant Photographer</p> <p>CAD Technician</p> <p>Ceramicist</p> <p>Commercial Artist</p> <p>Graphic Design</p> <p>Printmaker</p> <p>Photographic Technician</p> <p>Scenic Artist Apprentice</p> <p>Sculptor</p> <p>Web Design Assistant</p>
Post-Secondary Education Experiences			
Postsecondary	<p>Associate</p> <p>Programs of Study Include:</p> <p>Drawing</p> <p>Art Appreciation</p> <p>Digital Art</p> <p>Computer Illustration</p> <p>2D Design</p> <p>3D Design</p> <p>Basic Animation</p>	<p>Bachelor</p> <p>Degree Opportunities Include:</p> <p>Advertising</p> <p>Art/Art History</p> <p>Business</p> <p>Cinematography</p> <p>Visual Arts Studies</p> <p>Visualization Science</p>	<p>Graduate</p> <p>Degree Opportunities Include:</p> <p>Art Education</p> <p>Art History</p> <p>Business</p> <p>Fiber/Textiles</p> <p>Visualization Science</p>
	<p>Career Options Include:</p> <p>Desktop Publisher</p> <p>Illustrator</p> <p>Painter</p> <p>Photographer</p>	<p>Career Options Include:</p> <p>Art/Creative Director</p> <p>Art Therapist</p> <p>Art Gallery Manager</p> <p>Graphic Designer</p> <p>Multimedia Artist/Animator</p> <p>Painter</p>	<p>Career Options Include:</p> <p>Curator</p> <p>Instructor/Professor</p>
	<p>Visit O*Net Online for more Career Options.</p>		

Engineering Institute

Architecture Pathway

Business & Industry Endorsement

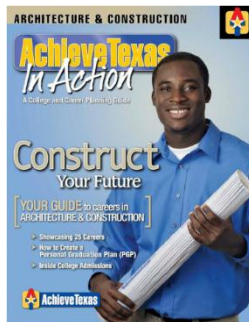


Lanier High School

Extended Learning Experiences

High School

Architecture & Construction



Curricular Experiences

[Family, Career and Community](#)

[Leaders of America](#)

[SkillsUSA](#)

[Technology Student Association](#)

Extracurricular Experiences

Historic Building Tours
Home Tours
Language Immersion Programs
School Newspaper
Student Government
UIL Academic Competitions
Yearbook
Agriscience Fair
Farm Bureau Exchange Programs
National/Texas FFA Association

Career Learning Experiences

Apprenticeship
Career Preparation
Job Shadowing
Internship

Service Learning Experiences

Architectural/Engineering Summer Camps
Campus Service Organizations
Community Service Volunteer
Habitat for Humanity
Peer Mentoring/Peer Tutoring
Boy/Girls Scouts of America

Practicum and/or Work-Based Experiences

Apprentice	Heating Ventilation
Carpenter	Air
Assembler	Conditioning
Brick/Block Mason	Roofer
Cabinet Maker	Concrete Finisher
Construction Worker	Electrical Trades
Drafter/CAD	Floor Sanding
Decorator Assistant	Iron Worker
Model Builder	Masonry
Renderer	Crane/Tower Operator

Post-Secondary Education Experiences

Postsecondary

Associate

Programs of Study Include:

Introduction to Architecture
Architecture Computer Graphics
Architecture technology
Architecture History
Architecture Freehand Drawing

Career Options Include:

Building Code Official
Civil Engineering Technician
Model Builder
Surveying/Mapping Technician
Renderer
Carpenter/Electrician/Plumber
Cost Estimator
HVAC
Welder Inspector

Bachelor

Degree Opportunities Include:

Architecture
Construction Management
Engineering
Environmental Design
Interior Environmental Design
Urban Planning
Science/Management

Career Options Include:

Cost Estimator
Civil Engineering Technician
Landscape Architect
Engineer
Urban Planner
Structural
Construction Manager
Marketing Manager
Sales Representative/Manager

Graduate

Degree Opportunities Include:

Architecture
Consumer Economics
Engineering
Environmental Design
Historic Preservation
Urban Planning
Science/Management

Career Options Include:

Architect
Industrial Designer
Instructor/Professor
Preservationist
Construction Entrepreneur
Engineer

Visit [O*Net Online](#) for more Career Options.

Engineering Institute

Architecture Pathway

Architecture Pathway

Business & Industry Endorsement



Highlands High School



Jefferson High School

Extended Learning Experiences

High School	<u>Architecture & Construction</u> 	Curricular Experiences <u>Family, Career and Community Leaders of America</u> <u>SkillsUSA</u> <u>Technology Student Association</u>	Extracurricular Experiences Historic Building Tours Home Tours Language Immersion Programs School Newspaper Student Government UIL Academic Competitions Yearbook
	Career Learning Experiences Apprenticeship Career Preparation Job Shadowing Internship	Service Learning Experiences Architectural/Engineering Summer Camps Campus Service Organizations Community Service Volunteer Habitat for Humanity Peer Mentoring/Peer Tutoring	Practicum and/or Work-Based Experiences Apprentice Carpenter Assembler Brick/Block Mason Cabinet Maker Construction Worker Drafter Decorator Assistant Model Builder Renderer

Post-Secondary Education Experiences

Postsecondary	Associate	Bachelor	Graduate
	Programs of Study Include: Introduction to Architecture Architecture Computer Graphics Architecture technology Architecture History Architecture Freehand Drawing	Degree Opportunities Include: Architecture Construction Management Engineering Environmental Design Interior Environmental Design Urban Planning	Degree Opportunities Include: Architecture Consumer Economics Engineering Environmental Design Historic Preservation
	Career Options Include: Building Code Official Civil Engineering Technician Model Builder Surveying/Mapping Technician Renderer	Career Options Include: Cost Estimator Civil Engineering Technician Landscape Architect Engineer Urban Planner Structural	Career Options Include: Architect Industrial Designer Instructor/Professor Preservationist
Visit O*Net Online for more Career Options.			

Engineering Institute

Automotive Technology Pathway



Lanier High School

Business & Industry Endorsement

Extended Learning Experiences

High School

Transportation, Distribution, & Logistics



Curricular Experiences

SkillsUSA

Technology Student Association

Extracurricular Experiences

Ford/AAA Student Auto Skills Competition
Language Immersion Programs
Manufacturer Specific Programs
School Newspaper
Student Government
UIL Academic Competitions
Yearbook

Career Learning Experiences

Career Preparation
Internship
Job Shadowing

Service Learning Experiences

Campus Service Organizations
Community Service Volunteer
Habitat for Humanity
Peer Mentoring / Peer Tutoring

Practicum and/or Work-Based Experiences

Auto Mechanic
Auto Diesel Mechanic
Mechanic
Military Science
Technician
Transmission Repair Specialist

Post-Secondary Education Experiences

Postsecondary

Associate

Programs of Study Include:

Business Computer Applications
Principles of Management
Human Relations
Quality Assurance & Quality Control

Bachelor

Degree Opportunities Include:

Accounting
Business Management
Engineering
International Business

Graduate

Degree Opportunities Include:

Aerospace Engineering
Business Management
Engineering

Career Options Include:

Industrial Electrician
Master Mechanic
Supervisor
Specialty Technician

Career Options Include:

Industrial Engineer Manager

Career Options Include:

Contracting
Instructor/Professor
Research & Development

Visit [O*Net Online](https://www.onetonline.org/) for more Career Options.

Engineering Institute Automotive Technology Pathway

Media & Film Institute

Broadcast Pathway

Business & Industry Endorsement



Brackenridge High
School

Extended Learning Experiences

High School

Arts, A/V Technology & Communications



Curricular Experiences

Business Professionals of America

Future Business Leaders of America

SkillsUSA

Technology Student Association

Extracurricular Experiences

Art Club
Drama/Theater Clubs
Language Immersion Programs
Photography Club
School Newspaper
UIL Academic Competitions
Yearbook

Career Learning Experiences

Apprenticeship
Career Preparation
Internship
Job Shadowing

Service Learning Experiences

Art Organizations
Campus Service Organizations
Community Service Volunteer
Peer Mentoring/Peer Tutoring

Practicum and/or Work-Based Experiences

Apprentice

Post-Secondary Education Experiences

Postsecondary

Associate

Programs of Study Include:

Intro to Mass Communications
Intro to Public Relations
Digital Video
Editing & Design
Advanced Digital Video

Career Options Include:

Broadcast Technician
Camera Operator
Radio & Television Announcer
Reporter
Technical Director

Bachelor

Degree Opportunities Include:

Advertising
Business
Communications
Journalism
Management
Marketing
Public Relations
Radio, Television & Film

Career Options Include:

Producer
Program Director
Station Manager/Owner

Graduate

Degree Opportunities Include:

Advertising
Business
Communications
English
Journalism
Management
Marketing
Public Relations
Radio, Television & Film

Career Options Include:

Professor

Visit [O*Net Online](https://www.onetonline.org/) for more Career Options.

Media & Film Institute Broadcast Pathway

Business Management Pathway



Burbank High School

Business & Industry Endorsement

Extended Learning Experiences

High School

Business Management & Administration



Curricular Experiences

[Business Professionals of America](#)

[DECA](#)

[Future Business Leaders of America](#)

Extracurricular Experiences

Language Immersion Programs
School Newspaper
Student Government
UIL Academic Competitions
Yearbook

Career Learning Experiences

Career Preparation
Job Shadowing
Internship

Service Learning Experiences

Boys and Girls Clubs of America
Boy Scouts of America
Campus Service Organizations
Community Service Volunteer
Girl Scouts of the USA
Peer Mentoring/Peer Tutoring

Practicum and/or Work-Based Experiences

Administrative Aide
Business Assistant
Help Desk Center
Management Trainee
Reservations Agent

Post-Secondary Education Experiences

Postsecondary

Associate

Programs of Study Include:

Business Communication
Business Computer Applications
Business Ethics
Principles of Accounting
Principles of Management
Introduction to Spreadsheets

Career Options Include:

Business Records Clerk
Data Specialist
First Line Supervisor
Office Coordinator

Bachelor

Degree Opportunities Include:

Applied Business Technology
Business Administration
Business Sports Management
General Business
Healthcare Administration
Human Resource Management

Career Options Include:

Business Representative
Healthcare Manager
Public Administrator
Public Relations Manager
Wholesale Trade Representative

Graduate

Degree Opportunities Include:

Administration Information Systems
Business Administration
International Business Administration
Labor & Industrial Relations
Management
Management Leadership
Strategic Leadership

Career Options Include:

Business Professor
Company Executive
Government Administrator
Industrial; Negotiator
Management Specialist

Visit [O*Net Online](#) for more Career Options.

Business Management Pathway

Computer Science Pathway

STEM Endorsement



Brackenridge High School



Burbank High School



Edison High School



Jefferson High School



Lanier High School

Extended Learning Experiences

High School

[Science, Technology, Engineering, & Mathematics](#)



Curricular Experiences

[Business Professionals of America](#)
[Future Business Leaders of America](#)
[SkillsUSA](#)
[Technology Student Association](#)

Extracurricular Experiences

Computer Tutor
 Junior Engineering Technical Society
 Language Immersion Programs
 School Newspaper
 Student Government
 UIL Academic Competitions
 Yearbook

Career Learning Experiences

Apprenticeship
 Career Preparation
 Internship
 Job Shadowing

Service Learning Experiences

Boy Scouts of America
 Campus Service Organizations
 Community Service Volunteer
 Girl Scouts of the USA
 Peer Mentoring/Peer Tutoring

Practicum and/or Work-Based Experiences

Applications Specialist
 Applications Support
 Database Associate
 Product Instructor
 Product Specialist
 System Administrator
 Web Developer

Post-Secondary Education Experiences

Postsecondary

Associate

Programs of Study Include:

Programming Fundamentals
 Data Structures
 IT Essentials
 Advanced Structure Languages

Career Options Include:

Assembly Language Retro-Agent
 Data Normalizer
 Documentation Developer
 PLC Programming
 SQL Script Writer

Bachelor

Degree Opportunities Include:

Computer Engineering
 Computer Information Systems
 Computer Science
 Computer Systems Management
 Software Engineering
 Telecommunications

Career Options Include:

Configuration Analyst
 Data Auditor
 Solutions Developer
 Software Developer
 Technical Support Manager

Graduate

Degree Opportunities Include:

Business Computer Information Systems
 Computer Science & Engineering
 Information Systems
 Information Technology
 Information Technology & Management
 Information Systems Security

Career Options Include:

Computer Linguist
 Cryptologic Systems Programmer
 IT Language Historian
 Simulations Architect
 Technology Columnist

Visit [O*Net Online](#) for more Career Options.

Computer Science Pathway

Engineering Institute

Computer Science Pathway

STEM Endorsement



Sam Houston High School

Extended Learning Experiences

High School

Science, Technology, Engineering, & Mathematics



Curricular Experiences

[Business Professionals of America](#)
[Future Business Leaders of America](#)
[SkillsUSA](#)
[Technology Student Association](#)

Extracurricular Experiences

Computer Tutor
 Junior Engineering Technical Society
 Language Immersion Programs
 School Newspaper
 Student Government
 UIL Academic Competitions
 Yearbook

Career Learning Experiences

Apprenticeship
 Career Preparation
 Internship
 Job Shadowing

Service Learning Experiences

Boy Scouts of America
 Campus Service Organizations
 Community Service Volunteer
 Girl Scouts of the USA
 Peer Mentoring/Peer Tutoring

Practicum and/or Work-Based Experiences

Applications Specialist
 Applications Support
 Database Associate
 Product Instructor
 Product Specialist
 System Administrator
 Web Developer

Post-Secondary Education Experiences

Postsecondary

Associate

Programs of Study Include:

Programming Fundamentals
 Data Structures
 IT Essentials
 Advanced Structure Languages

Career Options Include:

Assembly Language Retro-Agent
 Data Normalizer
 Documentation Developer
 PLC Programming
 SQL Script Writer

Bachelor

Degree Opportunities Include:

Computer Engineering
 Computer Information Systems
 Computer Science
 Computer Systems Management
 Software Engineering
 Telecommunications

Career Options Include:

Configuration Analyst
 Data Auditor
 Solutions Developer
 Software Developer
 Technical Support Manager

Graduate

Degree Opportunities Include:

Business Computer Information Systems
 Computer Science & Engineering
 Information Systems
 Information Technology
 Information Technology & Management
 Information Systems Security

Career Options Include:

Computer Linguist
 Cryptologic Systems Programmer
 IT Language Historian
 Simulations Architect
 Technology Columnist

Visit [O*Net Online](#) for more Career Options.

Engineering Institute Construction Pathway

Business & Industry Endorsement



Lanier High School

Extended Learning Experiences

High School

Architecture & Construction



Curricular Experiences

[SkillsUSA](#)
[technology Student Association](#)

Extracurricular Experiences

Agriscience Fair
Farm Bureau Exchange Programs
Language Immersion Programs
National/Texas FFA Association
Student Government
UIL Academic Competitions
Yearbook

Career Learning Experiences

Career Preparation
Internship
Job Shadowing

Service Learning Experiences

Boy Scouts of America
Campus Service Organizations
Community Service Volunteer
Girl Scouts of the USA
Peer Mentoring/Peer Tutoring

Practicum and/or Work-Based Experiences

Heating Ventilation Air
Conditioning
Cabinetmaking/Millworking
Carpenter/Roofer
Concrete Finisher
Crane & Tower Operator
Drafting/CAD
Electronic Trades
Floor Sanding/Finishing
Highway Maintenance Worker
Iron Worker
Masonry
Painting
Plumbing

Post-Secondary Education Experiences

Postsecondary

Associate

Programs of Study Include:

OSHA Regulations
Project Scheduling
Architectural Blueprint
Building Codes & Inspections
Floor Systems

Career Options Include:

Building Inspector
Carpenter/Electrician/Plumber
Cost Estimator
HVAC
Welding Inspector

Bachelor

Degree Opportunities Include:

Accounting
Architecture
Construction
Engineering
Management
Science/Management
Urban Planning

Career Options Include:

Construction Manager
Cost Estimator
Marketing Manager
Sales Representative/Manager

Graduate

Degree Opportunities Include:

Architecture
Construction
Engineering
Management
Science/Management
Urban Planning

Career Options Include:

Construction Entrepreneur
Engineer

Visit [O*Net Online](#) for more Career Options.

Engineering Institute

Construction Pathway

Construction Technology Pathway

Business & Industry Endorsement

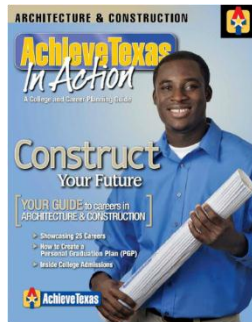


Sam Houston High School

Extended Learning Experiences

High School

Architecture & Construction



Curricular Experiences

[SkillsUSA](#)
[Technology Student Association](#)

Extracurricular Experiences

Agriscience Fair
Farm Bureau Exchange Programs
Language Immersion Programs
National/Texas FFA Association
Student Government
UIL Academic Competitions
Yearbook

Career Learning Experiences

Career Preparation
Internship
Job Shadowing

Service Learning Experiences

Boy Scouts of America
Campus Service Organizations
Community Service Volunteer
Girl Scouts of the USA
Peer Mentoring/Peer Tutoring

Practicum and/or Work-Based Experiences

Heating Ventilation Air
Conditioning
Cabinetmaking/Millworking
Carpenter/Roofer
Concrete Finisher
Crane & Tower Operator
Drafting/CAD
Electronic Trades
Floor Sanding/Finishing
Highway Maintenance Worker
Iron Worker
Masonry
Painting
Plumbing

Post-Secondary Education Experiences

Postsecondary

Associate

Programs of Study Include:

OSHA Regulations
Project Scheduling
Architectural Blueprint
Building Codes & Inspections
Floor Systems

Career Options Include:

Building Inspector
Carpenter/Electrician/Plumber
Cost Estimator
HVAC
Welding Inspector

Bachelor

Degree Opportunities Include:

Accounting
Architecture
Construction
Engineering
Management
Science/Management
Urban Planning

Career Options Include:

Construction Manager
Cost Estimator
Marketing Manager
Sales Representative/Manager

Graduate

Degree Opportunities Include:

Architecture
Construction
Engineering
Management
Science/Management
Urban Planning

Career Options Include:

Construction Entrepreneur
Engineer

Visit [O*Net Online](#) for more Career Options.

Construction Technology Pathway

Cosmetology Pathway

Public Service Endorsement



Brackenridge High School



Burbank High School



Sam Houston High School



Lanier High School

Extended Learning Experiences

High School

Human Services



Curricular Experiences

[Business Professionals of America](#)
[Future Business Leaders of America](#)
[SkillsUSA](#)

Extracurricular Experiences

Language Immersion Programs
Red Cross Courses
Science Fair
School Newspaper
Student Council
UIL Academic Competitions
Yearbook

Career Learning Experiences

Apprenticeship
Career Preparation
Internship
Job Shadowing

Service Learning Experiences

Campus Service Organizations
Community Service Volunteer
Peer Mentoring/Peer Tutoring

Practicum and/or Work-Based Experiences

Beauty Supply Sales Manager
Beauty Supply Sales Owner
Cosmetologist
Hairstylist
Salon Manager
Salesperson
Salon Receptionist
Shampoo Apprentice
Spa Attendant

Post-Secondary Education Experiences

Postsecondary

Associate

Programs of Study Include:

Orientation to Cosmetology
Advanced Hair Design
Principles of Nail Tech I
Principles of Hair Color
Orientation to Facial Specialist

Career Options Include:

Image/Fashion Consultant
Salon Owner

Bachelor

Degree Opportunities Include:

Business Management
Marketing

Career Options Include:

Corporate Sales Representative
Examination Proctor
Multiple Salon Owner

Graduate

Degree Opportunities Include:

Business Administration

Career Options Include:

Corporate Executive
Entrepreneur

Visit [O*Net Online](#) for more Career Options.

Criminal Justice Pathway

Public Service Endorsement



Brackenridge High School



Burbank High School



Edison High School



Highlands High School



Sam Houston High School



Jefferson High School



Lanier High School

Extended Learning Experiences

High School

Law, Public Safety, Corrections, & Security



Curricular Experiences

Health Occupations Students of America
SkillsUSA

Extracurricular Experiences

Explorer Program
Language Immersion Programs
Mock Trial
School Newspaper
Student Government
UIL Academic Competitions
Yearbook

Career Learning Experiences

Career Preparation
Internship
Job Shadowing

Service Learning Experiences

Boy Scouts of America
Campus Service Organizations
Community Service Volunteer
Girl Scouts of America
Peer Mentoring Peer Tutoring
Public Service Council

Practicum and/or Work-Based Experiences

Emergency
Telecommunications Dispatcher
Life Guard
Security Guard-DPS
Security Officer

Post-Secondary Education Experiences

Postsecondary

Associate

Programs of Study Include:

Legal Aspects of Law Enforcement
Ethics of Criminal Justice
Criminal Investigations
Cooperative Education
Police Systems & Practices
Texas Peace Officer Law

Career Options Include:

Bailiff
Border Patrol
Immigration Inspectors
Park Ranger

Bachelor

Degree Opportunities Include:

Criminal Justice
Psychology
Public Administration
Sociology

Career Options Include:

Correctional Officer
Detective
Federal Correctional Administrator
Gaming Investigator
Instructor

Graduate

Degree Opportunities Include:

Administration of Law
Correctional or Police Administration
Criminal Justice
Interpol/International Law Enforcement
Psychology
Public Administration
Sociology

Career Options Include:

Correctional Administration
Federal Agency Investigation
Lawyer
Parole Administration
Probation Administration

Visit [O*Net Online](https://www.onetonline.org/) for more Career Options.

Criminal Justice Pathway

Culinary Arts Pathway

Business & Industry Endorsement



Brackenridge High School

Burbank High School

Highlands High School

Sam Houston High School

Lanier High School

Extended Learning Experiences

High School

Hospitality & Tourism



Curricular Experiences

[DECA](#)

[Family, Career and Community](#)

[Leaders of America](#)

[SkillsUSA](#)

Extracurricular Experiences

Language Immersion Programs
4-H Youth Development
School Newspaper
Student Government
UIL Academic Competitions
Yearbook

Career Learning Experiences

Apprenticeship
Career Preparation
Internship
Job Shadowing

Service Learning Experiences

Boy Scouts of America
Campus Service Organizations
Community Service Volunteer
Girl Scouts of the USA
Peer Tutoring/Peer Mentoring
Student Body

Practicum and/or Work-Based Experiences

Chef/Cook Assistant
Cook Trainee
Food Preparation Worker
Kitchen Helper
Pastry Cook
Prep Cook
Short-Order Cook

Post-Secondary Education Experiences

Postsecondary

Associate

Programs of Study Include:
Hospitality Human Resources
Sanitation & Safety
Intro to Hospitality Industry
Customer Sales & Service
Basic Food Preparation

Career Options Include:

Baker/Pastry Chef
Service Specialist
Sous Chef
Specialty Cook

Bachelor

Degree Opportunities Include:
Hospitality Administration
Management
Hotel & Restaurant Management
Restaurant, Hotel & Institutional
Mgmt.

Career Options Include:

Caterer
Arts Instructor
Executive Chef
Food & Beverage Manager
Independent Chef/Owner

Graduate

Degree Opportunities Include:
Hospitality Administration
Management
Hotel & Restaurant Management
Restaurant, Hotel & Institutional Mgmt.

Career Options Include:

Caterer/Banquet Manager
Executive Chef
Food & Beverage Controller
Food & Beverage Director

Visit [O*Net Online](#) for more Career Options.

Culinary Arts Pathway

Design & Fabrication Pathway

Business & Industry Endorsement



Burbank High School



Highlands High School

Extended Learning Experiences

High School

Agriculture, Food, & Natural Resources



Curricular Experiences

[SkillsUSA](#)
[Texas FFA Association](#)

Extracurricular Experiences

Agricultural Mechanics Exhibition
Agriscience Fair
Farm Bureau Exchange Programs
National Engineering Design Competition
School Newspaper
Student Government
UIL Academic Competitions

Career Learning Experiences

Apprenticeship
Career Preparation
Internship
Job Shadowing

Service Learning Experiences

Boy/Girl Scouts
Campus Service Organizations
Community Service Volunteer
Habitat for Humanity
Peer Mentoring/Peer Tutoring

Practicum and/or Work-Based Experiences

Diesel Mechanic
Fitter
Quality Assurance Manager
Remote Sensing Specialist
Shop Helper
Tractor Mechanic
Welder

Post-Secondary Education Experiences

Postsecondary

Associate

Programs of Study Include:

Welding Fundamentals
Agricultural Power Units
Any Small Engine Course
Agriculture Construction I

Career Options Include:

Estimator
Foreman
Welder

Bachelor

Degree Opportunities Include:

Agricultural Engineering
Agricultural Management
Construction Science

Career Options Include:

Agricultural Engineer
Extension Engineering Specialist
Project Engineer
Site Manager Contractor

Graduate

Degree Opportunities Include:

Agricultural & Biological Engineering
Agricultural Mechanization

Career Options Include:

Project Developer
Risk Management Specialist

Visit [O*Net Online](#) for more Career Options.

Design & Fabrication Pathway

Engineering Institute

Engineering Pathway

STEM Endorsement

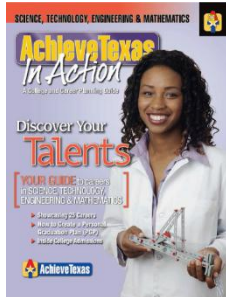


Lanier High School

Extended Learning Experiences

High School

Science, Technology, Engineering, & Mathematics



Curricular Experiences

[BEST Robotics, Inc.](#)

[FIRST Robotics Competition](#)

[Project Lead The Way](#)

[SkillsUSA](#)

[STARS Research Program](#)

[Technology Student Association](#)

[The Infinity Project](#)

Extracurricular Experiences

Destination ImagiNation

Engineering by Design

High School Students United with NASA

Interdisciplinary National Science Project

Marine Advanced Technology Education

Center

National Engineering Design Competition

UIL Academic Competitions

VEX Robotics Competition

Career Learning Experiences

Apprenticeship
Career Preparation
Job Shadowing
Internship

Service Learning Experiences

Campus Service Organizations
Community Service Volunteer
Peer Mentoring/Peer Tutoring

Practicum and/or Work-Based Experiences

Alarm-Security Technician
Biomedical Electronics Technician
Central Service Technician
Computer Service Technician
Electronic Technician
Fiber Optics Fabricator Designer
Office Machine Repairer

Post-Secondary Education Experiences

Postsecondary

Associate

Programs of Study Include:

Intro to Biomedical
Intro to Electrical Engineering
Intro to Computer Engineering
Petroleum Studies
Agricultural Studies

Career Options Include:

Alarm-Security Technician
Biomedical Electronics Technician
Computer Service Technician
Electronic Technician
Fiber Optics Fabricator Designer
Civil Engineering Technician

Bachelor

Degree Opportunities Include:

Aerospace
Chemical Civil
Computer
Electrical
Industrial
Manufacturing
Mechanical Systems

Career Options Include:

Engineer
Engineering Technologist
Civil Engineer

Graduate

Degree Opportunities Include:

Aerospace
Chemical Civil
Computer
Electrical
Industrial
Manufacturing
Mechanical Systems




Career Options Include:

Administration & Management
Corporate Engineering
Engineering Technology
Medicine Analyst

Visit [O*Net Online](#) for more Career Options.

Engineering Institute

Engineering Pathway

<h1>Engineering Institute</h1> <h2>Engineering Design Pathway</h2> <h2>Engineering/Robotics Pathway</h2> <p>STEM Endorsement</p>		 <p>Highlands High School</p>  <p>Sam Houston High School</p>	
Extended Learning Experiences			
High School	<p><u>Science, Technology, Engineering, & Mathematics</u></p> 	<p>Curricular Experiences</p> <p>BEST Robotics, Inc.</p> <p>FIRST Robotics Competition</p> <p>Project Lead The Way</p> <p>SkillsUSA</p> <p>STARS Research Program</p> <p>Technology Student Association</p> <p>The Infinity Project</p>	<p>Extracurricular Experiences</p> <p>Destination ImagiNation</p> <p>Engineering by Design</p> <p>High School Students United with NASA</p> <p>Interdisciplinary National Science Project</p> <p>Marine Advanced Technology Education Center</p> <p>National Engineering Design Competition</p> <p>UIL Academic Competitions</p> <p>VEX Robotics Competition</p>
	<p>Career Learning Experiences</p> <p>Apprenticeship</p> <p>Career Preparation</p> <p>Job Shadowing</p> <p>Internship</p>	<p>Service Learning Experiences</p> <p>Campus Service Organizations</p> <p>Community Service Volunteer</p> <p>Peer Mentoring/Peer Tutoring</p>	<p>Practicum and/or Work-Based Experiences</p> <p>Alarm-Security Technician</p> <p>Biomedical Electronics Technician</p> <p>Central Service Technician</p> <p>Computer Service Technician</p> <p>Electronic Technician</p> <p>Fiber Optics Fabricator Designer</p> <p>Office Machine Repairer</p>
Post-Secondary Education Experiences			
Postsecondary	<p>Associate</p> <p>Programs of Study Include:</p> <p>Intro to Biomedical</p> <p>Intro to Electrical Engineering</p> <p>Intro to Computer Engineering</p> <p>Petroleum Studies</p> <p>Agricultural Studies</p>	<p>Bachelor</p> <p>Degree Opportunities Include:</p> <p>Aerospace</p> <p>Chemical Civil</p> <p>Computer</p> <p>Electrical</p> <p>Industrial</p> <p>Manufacturing</p> <p>Mechanical Systems</p>	<p>Graduate</p> <p>Degree Opportunities Include:</p> <p>Aerospace</p> <p>Chemical Civil</p> <p>Computer</p> <p>Electrical</p> <p>Industrial</p> <p>Manufacturing</p> <p>Mechanical Systems</p>
	<p>Career Options Include:</p> <p>Alarm-Security Technician</p> <p>Biomedical Electronics Technician</p> <p>Computer Service Technician</p> <p>Electronic Technician</p> <p>Fiber Optics Fabricator Designer</p> <p>Civil Engineering Technician</p>	<p>Career Options Include:</p> <p>Engineer</p> <p>Engineering Technologist</p> <p>Civil Engineer</p>	<p>Career Options Include:</p> <p>Administration & Management</p> <p>Corporate Engineering</p> <p>Engineering Technology</p> <p>Medicine Analyst</p>
	Visit O*Net Online for more Career Options.		

Entrepreneurship Pathway

Business & Industry Endorsement

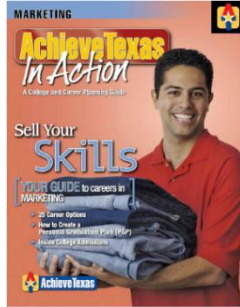


Brackenridge High School

Extended Learning Experiences

High School

Marketing



Curricular Experiences

[Business Professionals of America](#)

[DECA](#)

[Future Business Leaders of America](#)

Extracurricular Experiences

Academic Decathlon
Language Immersion Programs
Math Tutor
School Newspaper
Student Government
UIL Academic Competitions
Yearbook

Career Learning Experiences

Career Preparation
Internship
Job Shadowing
School Based Enterprise

Service Learning Experiences

Boys and Girls Clubs of America
Boy Scouts of America
Campus Service Organizations
Community Service Volunteer
Girl Scouts of the USA
Peer Mentoring / Peer Tutoring

Practicum and/or Work-Based Experiences

Administrative Assistant
Adobe Editor
Auto Parts Sales & Service
Cashier
Client Contact Specialist
Collections Worker
e-Sales Specialist
New Accounts Representative
Telemarketer

Post-Secondary Education Experiences

Postsecondary

Associate

Programs of Study Include:

Business Computer Applications
Integrated Software Applications
Principles of Accounting
Principles of Marketing
Human Relations
Practicum/Coop/Internship

Career Options Include:

Department Manager
Franchise Manager
Independent Distributor
Product Promoter
Purchasing Agent

Bachelor

Degree Opportunities Include:

Advertising
Communications
Franchise Operations
Marketing
Public Management
Psychology
Small Business Administration
Sport & Fitness Management

Career Options Include:

Business Principal
Investor
Product Manager
Promotions Manager
Small Business Owner

Graduate

Degree Opportunities Include:

Business Administration Comparative
International Law
Heritage Management
Interdisciplinary Studies
Leadership Studies
Industrial-Organizational Psychology
Public Administration

Career Options Include:

Business Developer
Business Inventor
Company President
Management Consultant
Production Manager

Visit [O*Net Online](#) for more Career Options.

Entrepreneurship Pathway

Fashion Design Pathway

Business & Industry Endorsement



Brackenridge High
School

Extended Learning Experiences

High School

Arts, A/V Technology & Communications



Curricular Experiences

Business Professionals of America

DECA

Family, Career and Community

Leaders of America

Future Business Leaders of America

Extracurricular Experiences

Art Club
Educational Tours
Language Immersion Programs
School Newspaper
Student Government
UIL Academic Competitions
Yearbook

Career Learning Experiences

Career Preparation
Internship
Job Shadowing

Service Learning Experiences

Art Organizations
Campus Service Organizations
Community Service Volunteer
Peer Mentoring/Peer Tutoring

Practicum and/or Work-Based Experiences

Assistant to Designer
Craft Store Sales Clerk
Cutting Assistant
Fabric Salesperson
Merchandise Displayer
Paint Salesperson
Retail Clothing Sale Associate
Wallpaper Salesperson

Post-Secondary Education Experiences

Postsecondary

Associate

Programs of Study Include:

Digital Art
Art Appreciation
Art for Fashion
Fashion History
2D Design
3D Design

Career Options Include:

Assistant Technical Designer
Merchandise Displayer
Visual Merchandiser

Bachelor

Degree Opportunities Include:

Art-Design
Fashion Design
Clothing, Textiles, & Merchandising
Apparel Design & Manufacturing

Career Options Include:

Chief Designer
Department Head Designer
Illustrator
Pattern Designer
Sketch Artist

Graduate

Degree Opportunities Include:

Art-Design
Fashion Design
Clothing, Textiles, & Merchandising
Apparel Design & Manufacturing
Family & Consumer Sciences
Textiles & Apparel

Career Options Include:

Costume Designer
Design Instructor/Professor
Graphic Designer
High-Fashion Designer
Magazine Editor

Visit [O*Net Online](https://www.o*net.org) for more Career Options.

Fashion Design Pathway

Fire Science Pathway

Public Service Endorsement



Edison High School

Extended Learning Experiences

High School

Law, Public Safety, Corrections, & Security



Curricular Experiences

[Health Occupations Students of America](#)

[SkillsUSA](#)

[Technology Student Association](#)

Extracurricular Experiences

Explorer Program
Language Immersion Programs
Mock Trial
School Newspaper
Student Government
UIL Academic Competitions
Yearbook

Career Learning Experiences

Career Preparation
Internship
Job Shadowing

Service Learning Experiences

Boy Scouts of America
Campus Service Organizations
Community Service Volunteer
Girl Scouts of America
Peer Mentoring / Peer Tutoring

Practicum and/or Work-Based Experiences

Dispatcher
Fire Security
Life Guard
Security Guard

Post-Secondary Education Experiences

Postsecondary

Associate

Programs of Study Include:

Firefighter Agility & Fitness
Computer Applications
Fire Chemistry
Firefighting Strategies & Tactics

Career Options Include:

Arson Dispatcher
Firefighter
Emergency Medical Technician
Firefighter/Driver
Equipment Operations
Forest Firefighter
Paramedic

Bachelor

Degree Opportunities Include:

Criminal Justice
Fire Science
Public Administration
Science

Career Options Include:

Forest Firefighter
Forest Fire Investigator
Grant Writer or Coordinator
Technician & Forensics

Graduate

Degree Opportunities Include:

Criminal Justice
Public Administration
Police Administration
Fire Administration

Career Options Include:

Emergency Services Administrator
Fire Service Administration
Instructor/Professor
Research & Policy

Visit [O*Net Online](#) for more Career Options.

Fire Science Pathway

Floral Design Pathway

Business & Industry Endorsement



Jefferson High School

Extended Learning Experiences

High School

Agriculture, Food, & Natural Resources



Curricular Experiences

[Texas FFA Association](#)

Extracurricular Experiences

Agriscience Fair
Farm Bureau Exchange Programs
Language Immersion Programs
School Newspaper
Student Government
UIL Academic Competitions
Yearbook

Career Learning Experiences

Career Preparation
Internship
Job Shadowing

Service Learning Experiences

Boy Scouts of America
Campus Service Organizations
Community Garden Programs
Community Service Volunteer
Garden Club Programs
Peer Mentoring/Peer Tutoring

Practicum and/or Work-Based Experiences

Cut Flower Processor
Flora Designer's Assistant
Floral Sales
Texas Certified Florist
Texas Master Florist

Post-Secondary Education Experiences

Postsecondary

Associate

Programs of Study Include:

Intro Agricultural Economics
Technical Writing
Agricultural Industry
Integrated Software Applications
Business Math

Career Options Include:

Cut Flower Processor
Custom Floral Decorator
Greenhouse/Field Supervisor
Retail/Wholesale Floral Sales

Bachelor

Degree Opportunities Include:

Floriculture
Horticulture

Career Options Include:

Botanical Garden/Arboreta
Cut Flower Production Supervisor
Horticulture Therapist
Retail Owner/Manager
Wholesale Stock Buyer

Graduate

Degree Opportunities Include:

Floriculture
Horticulture

Career Options Include:

Plant Physiologist/Pathologist
Research Associate

Visit [O*Net Online](#) for more Career Options.

Floral Design Pathway

Graphic Design Pathway

Business & Industry Endorsement



Lanier High School

Extended Learning Experiences

High School

Arts, A/V Technology & Communications



Curricular Experiences

[Business Professionals of America](#)

[Future Business Leaders of America](#)

[SkillsUSA](#)

[Technology Student Association](#)

Extracurricular Experiences

Art Organizations
Drama/Theater Clubs
Language Immersion Programs
Photography Club
School Newspaper
UIL Academic Competitions
Yearbook

Career Learning Experiences

Career Preparation
Internship
Job Shadowing

Service Learning Experiences

Art Organizations
Campus Service Organizations
Community Service Volunteer
Peer Mentoring/Peer Tutoring

Practicum and/or Work-Based Experiences

Assistant Photographer
CAD Technician
Ceramicist
Commercial Artist
Graphic Design
Photographic Retoucher/Restorer
Photographic Technician
Printmaker
Scenic Artist Apprenticeship
Web Design Assistant

Post-Secondary Education Experiences

Postsecondary

Associate

Programs of Study Include:

Intro to Mass Communications
Intro to Film
Television Production
Basic Animation

Career Options Include:

Desktop Publisher
Illustrator
Painter
Photographer

Bachelor

Degree Opportunities Include:

Advertising
Art/Art History
Business
Cinematography/Film
Visual Arts Studies
Visualization Science

Career Options Include:

Art/Creative Director
Art Therapist
Art Gallery Manager
Graphic Designer
Multimedia Artist/Animator
Painter

Graduate

Degree Opportunities Include:

Art Education
Art History
Business
Fibers/Textiles
Visualization Science

Career Options Include:

Curator
Instructor/Professor

Visit [O*Net Online](#) for more Career Options.

Graphic Design Pathway

Media & Film Institute

Graphic Design Pathway

Business & Industry Endorsement



Brackenridge High
School

Extended Learning Experiences

High School

Arts, A/V Technology & Communications



Curricular Experiences

SkillsUSA
Technology Student Association

Extracurricular Experiences

Art Club
Language Immersion Programs
School Newspaper
Student Government
UIL Academic Competitions
Yearbook

Career Learning Experiences

Career Preparation
Internship
Job Shadowing

Service Learning Experiences

Art Organizations
Campus Service Organizations
Community Service Volunteer
Peer Mentoring / Peer Tutoring

Practicum and/or Work-Based Experiences

Assistant Photographer
CAD Technician
Ceramicist
Commercial Artist
Graphic Design
Photographic Retoucher/Restorer
Photographic Technician
Printmaker
Scenic Artist Apprenticeship
Web Design Assistant

Post-Secondary Education Experiences

Postsecondary

Associate

Programs of Study Include:

Intro to Mass Communications
Intro to Film
Television Production
Basic Animation

Career Options Include:

Desktop Publisher
Illustrator
Painter
Photographer

Bachelor

Degree Opportunities Include:

Advertising
Art/Art History
Business
Cinematography/Film
Visual Arts Studies
Visualization Science

Career Options Include:

Art/Creative Director
Art Therapist
Art Gallery Manager
Graphic Designer
Multimedia Artist/Animator
Painter

Graduate

Degree Opportunities Include:

Art Education
Art History
Business
Fibers/Textiles
Visualization Science

Career Options Include:

Curator
Instructor/Professor

Visit [O*Net Online](https://www.onetonline.org/) for more Career Options.

Media & Film Institute

Graphic Design Pathway

Health Professions Institute

Public Service Endorsement



Edison High School



Fox Tech High School

Extended Learning Experiences

High School

Health Science



Curricular Experiences

[Health Occupations Students of America](#)
[NASA Research Program](#)

Extracurricular Experiences

Language Immersion Programs
National Youth Leadership Forum on Medicine
School Newspaper
STARS Research Program
Student Government
UIL Academic Competitions
Yearbook

Career Learning Experiences

Career Preparation
Internship
Job Shadowing

Service Learning Experiences

Boy/Girl Scouts
Campus Service Organizations
Community Service Volunteer
Medical Mission Trips
Peer Mentoring/Peer Tutoring
Special Olympics

Practicum and/or Work-Based Experiences

Home Health Aide
Laboratory Assistant
Licensed Vocational Nurse
Nursing Assistant
Medical Office Assistant
Medication Aide

Post-Secondary Education Experiences

Postsecondary

Associate

Programs of Study Include:

Medical Terminology
Essentials to Medical Law
Introduction to Health Professions
Pathology

Career Options Include:

Licensed Vocational Nurse
Pharmacy Technician
Dental Hygienist
Dental Lab Technician

Bachelor

Degree Opportunities Include:

Biology
Emergency Medical Systems
Nursing
Chemistry

Career Options Include:

Registered Nurse
Diabetic Educator
Director of Nursing
Nursing Supervisor
School Nurse
Systems Manager
Therapeutic Nutrition
Researcher

Graduate

Degree Opportunities Include:

Master of Science Nursing
PhD Nursing
Doctorate in Pharmacy
Medical Technology
Doctor of Medicine

Career Options Include:

Clinical Nurse Specialist
Nurse Practitioner
Nursing Administration
Pharmacist
Oncology Specialist
Doctor of Medicine
Dentist
Oral Surgeon

Visit [O*Net Online](#) for more Career Options.

Interior Design Pathway

Business & Industry Endorsement



Jefferson High School

Extended Learning Experiences

High School

Architecture & Construction



Curricular Experiences

[DECA](#)

[Future Business Leaders of America](#)

[Texas FFA Association](#)

Extracurricular Experiences

Art Clubs
Design Competitions
Language Immersion Programs
School Newspaper
UIL Academic Competition
Yearbook

Career Learning Experiences

Apprenticeship
Career Preparation
Internship
Job Shadowing

Service Learning Experiences

Campus Service Organizations
Community Service Volunteer
Habitat for Humanity
Peer Mentoring/Peer Tutoring

Practicum and/or Work-Based Experiences

Building Trades Assistant
Decorator Design Assistant
Drafter
Hotel Improvement Sales Clerk
Floral Assistant
Sales Clerk-Furnishings
Renderer

Post-Secondary Education Experiences

Postsecondary

Associate

Programs of Study Include:

Fundamentals Interior Design
History of Interiors I
Drafting for Special Occupations
Fundamentals of Space Planning
Presentation Drawing

Career Options Include:

Computer Aided Drafter
Floral Designer
Furnishings/Equipment Sales Associate
Interior Design Assistant
Modeler

Bachelor

Degree Opportunities Include:

Architecture
Computer Aided Drafting & Design
Family & Consumer Sciences
Interior Design
Historic Preservation
Interior Environmental Design

Career Options Include:

Building Code Official
Cost Estimator
Interior Designer
Manufacturer's Representative
Specifications Writer

Graduate

Degree Opportunities Include:

Architecture
Environmental Design & Consumer Economics
Historic Preservation
Interior Design

Career Options Include:

Architect
CAD Interior Design Specialist
Educator-Interior Design
Industrial Designer
Landscape Design

Visit [O*Net Online](#) for more Career Options.

Interior Design Pathway

Law Professions Institute

Public Service Endorsement



Fox Tech High School

Extended Learning Experiences

High School

Law, Public Safety, Corrections, & Security



Curricular Experiences

Business Professionals of America
Future Business Leaders of America
SkillsUSA
Technology Student Association

Extracurricular Experiences

Explorer Program
Language Immersion Programs
Mock Trial
School Newspaper
Student Government
UIL Academic Competitions
Yearbook

Career Learning Experiences

Career Preparation
Internship
Job Shadowing

Service Learning Experiences

Boy Scouts of America
Campus Service Organizations
Community Service Volunteer
Girl Scouts of America
Peer Mentoring/Peer Tutoring

Practicum and/or Work-Based Experiences

Administrative Technician
Government Internship
Law Office
Legal Assistant

Post-Secondary Education Experiences

Postsecondary

Associate

Programs of Study Include:

Intro to Law & Legal Professions
Real Property
Legal Research
Torts & Personal Injury
Family Law

Career Options Include:

Court Clerk
Court Reporter
Law Assistant
Legal Secretary
Paralegal

Bachelor

Degree Opportunities Include:

Criminal Justice
English Pre-Law
Government
History
Law

Career Options Include:

Government
Legal Librarianship
Negotiator
Private Law Practice
Public Interest Law

Graduate

Degree Opportunities Include:

Administration of Law
Criminal Justice
Interpol/International Law
Enforcement
Legal Administration
Public Administration

Career Options Include:

Administration of Legal Services
Lawyer
Instructor/Professor
Judge
State/Federal Agency Admin.

Visit [O*Net Online](https://www.onetonline.org/) for more Career Options.

Manufacturing Pathway

Business & Industry Endorsement

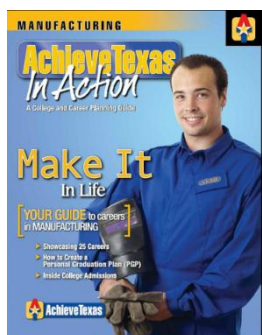


Sam Houston High School

Extended Learning Experiences

High School

Manufacturing



Curricular Experiences

[BEST Robotics, Inc](#)
[FIRST High School Robotics Competition](#)
[SkillsUSA](#)
[Technology Student Association](#)

Extracurricular Experiences

Language Immersion Programs
 National Engineering Design Competition
 Odyssey of the Mind
 School Newspaper
 Student Government
 UIL Academic Competitions
 Yearbook

Career Learning Experiences

Apprenticeship
 Career Preparation
 Internship
 Job Shadowing

Service Learning Experiences

Boy Scouts of America
 Campus Service Organizations
 Community Service Volunteer
 Girl Scouts of the USA
 Habitat for Humanity
 Peer Mentoring/Peer Tutoring

Practicum and/or Work-Based Experiences

Assembler
 Drafting/CADD Assistant
 Machine Operator
 Machinist Assistant
 Product

Post-Secondary Education Experiences

Postsecondary

Associate

Programs of Study Include:

Integrated Software Applications
 Industrial Math
 Quality Control
 Productions & Operations Management

Career Options Include:

Precision Layout Worker
 Solder & Brazier
 Welder

Bachelor

Degree Opportunities Include:

Technology Management
 Design Technology
 Industrial Technology

Career Options Include:

Calibration Technician
 Electromechanical Technician

Graduate

Degree Opportunities Include:



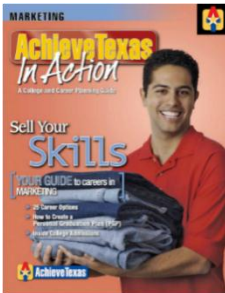
Engineering Technology
 Design Technology
 Industrial Safety

Career Options Include:

Industrial & Manufacturing Engineer
 Production Manager

Visit [O*Net Online](#) for more Career Options.

Manufacturing Pathway

Marketing/ Entrepreneurship Pathway Business & Industry Endorsement		 Edison High School	 Highlands High School
Extended Learning Experiences			
High School	Marketing 	Curricular Experiences Business Professionals of America DECA Future Business Leaders of America	Extracurricular Experiences Academic Decathlon Language Immersion Programs Language Tutor Math Tutor Student Government UIL Academic Competitions Yearbook
	Career Learning Experiences Career Preparation Internship Job Shadowing School Based Enterprise	Service Learning Experiences Boys and Girls Clubs of America Boy Scouts of America Campus Service Organizations Community Service Volunteer Girl Scouts of the USA Peer Mentoring/Peer Tutoring	Practicum and/or Work-Based Experiences Business Office Assistance Customer Service Representative e-Commerce Tech Electronic Marketing Enrollment JAVA Programmer Marketing Intern Sales & Service Assistant
Post-Secondary Education Experiences			
Postsecondary	Associate	Bachelor	Graduate
	Programs of Study Include: Business Computer Applications Principles of Accounting Principles of Marketing Human Relations Small Business Management	Degree Opportunities Include: Banking & Financial Institutions Communication Electronic Media Computer Information Systems Electronic Commerce	Degree Opportunities Include: Business Administration Computer Education & Cognitive Systems Information Technology & Management Marketing Research Telecommunications
	Career Options Include: Applications Developer Portal Programmer Website Designer Web Developer XML Tagger	Career Options Include: Consumer Analyst Electronic Marketing Supervisor Marketing Manager Transaction Analyst Visual Merchandising Specialist	Career Options Include: Brand Director Business Portal Manager Director Broadcast Retailing EDI Expert Internet Investigator
	Visit O*Net Online for more Career Options.		

Media Pathway

Business & Industry Endorsement



Sam Houston High School



Jefferson High School

Extended Learning Experiences

High School

Arts, A/V Technology & Communications



Curricular Experiences

Business Professionals of America

Future Business Leaders of America

SkillsUSA

Technology Student Association

Extracurricular Experiences

Art Organizations
Drama/Theater Clubs
Language Immersion Programs
Photography Club
School Newspaper
UIL Academic Competitions
Yearbook

Career Learning Experiences

Apprenticeship
Career Preparation
Internship
Job Shadowing

Service Learning Experiences

Campus Service Organizations
Community Service Volunteer
Peer Mentoring/Peer Tutoring

Practicum and/or Work-Based Experiences

Audio Technician
Camera Operator
Cinematographer
Film/Video Editor
Light Technician
Photographer
Recording Engineer Technician
Sound Mixer
Stage Technician

Post-Secondary Education Experiences

Postsecondary

Associate

Programs of Study Include:

Intro to Mass Communication
Introduction to Film
Television Production
Basic Animation

Career Options Include:

Audio/Video Engineer
Broadcaster Technician
Camera Operator
Radio/TV Announcer
Technical Director

Bachelor

Degree Opportunities Include:

Business Communications
English
Journalism
Management
Marketing
Public Relations
Radio, Television, & Film

Career Options Include:

Audio/Video Events Coordinator
Film/Radio/TV Director
Producer
Program Director
Station Manager

Graduate

Degree Opportunities Include:

Business Communication Design
Communications
English
Journalism
Management
Marketing
Radio, Television, & Film

Career Options Include:

Broadcast News Analyst
Instructor/Professor

Visit [O*Net Online](https://www.onetonline.org/) for more Career Options.

Media Pathway

Media & Film Institute

Media Production Pathway

Business & Industry Endorsement



Brackenridge High
School

Extended Learning Experiences

High School

Arts, A/V Technology & Communications



Curricular Experiences

Business Professionals of America

Future Business Leaders of America

SkillsUSA

Technology Student Association

Extracurricular Experiences

Art Organizations
Drama/Theater Clubs
Language Immersion Programs
Photography Club
School Newspaper
UIL Academic Competitions
Yearbook

Career Learning Experiences

Apprenticeship
Career Preparation
Internship
Job Shadowing

Service Learning Experiences

Campus Service Organizations
Community Service Volunteer
Peer Mentoring/Peer Tutoring

Practicum and/or Work-Based Experiences

Audio Technician
Camera Operator
Cinematographer
Film/Video Editor
Light Technician
Photographer
Recording Engineer Technician
Sound Mixer
Stage Technician

Post-Secondary Education Experiences

Postsecondary

Associate

Programs of Study Include:

Intro to Mass Communication
Introduction to Film
Television Production
Basic Animation

Career Options Include:

Audio/Video Engineer
Broadcaster Technician
Camera Operator
Radio/TV Announcer
Technical Director

Bachelor

Degree Opportunities Include:

Business Communications
English
Journalism
Management
Marketing
Public Relations
Radio, Television, & Film

Career Options Include:

Audio/Video Events Coordinator
Film/Radio/TV Director
Producer
Program Director
Station Manager

Graduate

Degree Opportunities Include:

Business Communication Design
Communications
English
Journalism
Management
Marketing
Radio, Television, & Film

Career Options Include:

Broadcast News Analyst
Instructor/Professor

Visit [O*Net Online](https://www.onetonline.org/) for more Career Options.

Media & Film Institute

Media Production Pathway

Engineering Institute

Networking Pathway

STEM Endorsement

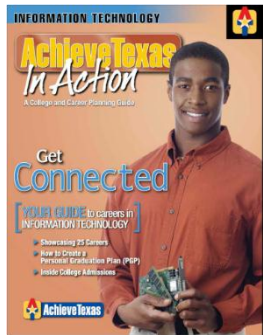


Highlands High School

Extended Learning Experiences

High School

Information Technology



Curricular Experiences

[Business Professionals of America](#)

[SkillsUSA](#)

[Technology Student Association](#)

[Future Business Leaders of America](#)

Extracurricular Experiences

Academic Decathlon
Computer Tutor
Language Immersion Programs
School Newspaper
Student Government
UIL Academic Competitions
Yearbook

Career Learning Experiences

Career Preparation
Internship
Job Shadowing

Service Learning Experiences

Boy Scouts of America
Campus Service Organizations
Community Service Volunteer
Girl Scouts of the USA
Peer Mentoring/Peer Tutoring

Practicum and/or Work-Based Experiences

Computer Service Technician
Information Systems Assistant
Technical Support Specialist

Post-Secondary Education Experiences

Postsecondary

Associate

Programs of Study Include:

Intro to Personal Computers
Computer Maintenance
Computer Networking Technology
Cisco Exploration
WAN Technologies
Enterprise Project Management Solution

Bachelor

Degree Opportunities Include:

Biomedical Engineering
Computer Engineering Technology
Computer Information Systems
Computer Science
Infrastructure Assurance
Management Information Systems
Microelectronics

Graduate

Degree Opportunities Include:

Computer Science
Network Communications
Manufacturing Systems
Engineering-Robotics & Control
Software Engineering
Technology Project Management
Telecommunications

Career Options Include:

Code Programmer
Data Systems Technician
Documentation Writer
Industrial Electronics Repairer
Network Administrator

Career Options Include:

Computer Analyst
Diagnostic Support Engineer
Firmware Developer
Manufacturing Support Engineer
Network Administrator

Career Options Include:

Communications Network Designer
Embedded Electronics Engineer
Integration Engineer
Wireless Device Specifier

Visit [O*Net Online](#) for more Career Options.

Engineering Institute

Networking Pathway

Plant Science Pathway

Business & Industry Endorsement



Burbank High School



Highlands High School



Jefferson High School

Extended Learning Experiences

High School

Agriculture, Food, & Natural Resources



Curricular Experiences

[Texas FFA Association](#)

Extracurricular Experiences

Agriscience Fair
Farm Bureau Exchange Programs
Language Immersion Programs
School Newspaper
Student Government
UIL Academic Competitions
Yearbook

Career Learning Experiences

Career Preparation
Internship
Job Shadowing

Service Learning Experiences

Boy/Girl Scouts
Community Service Volunteer
4-H
Parks Volunteer
Peer Mentoring / Peer Tutoring
Youth Program Volunteer

Practicum and/or Work-Based Experiences

Aquaculture Farm Employee
Aquarian Employee
Discount/Sporting Store Employee
Fisheries Employee
Hunting Guide
Parks Ranger

Post-Secondary Education Experiences

Postsecondary

Associate

Programs of Study Include:

Intro Agricultural Economics
Agriculture Industry
Integrates Software Applications

Career Options Include:

Aquaculture Production Employee
Conservation Manager
Fishing Guide

Bachelor

Degree Opportunities Include:

Fisheries Biology
Recreation, Park, & Tourism
Sciences
Renewable Natural Resources
Wildlife & Fisheries Science

Career Options Include:

Aquaculture Researcher
Aquarium Manager
Hatchery Manager
Texas Cooperative Extension
Agent

Graduate

Degree Opportunities Include:

Aquaculture/Fisheries
Recreation, Park, & Tourism
Sciences
Wildlife Science

Career Options Include:

Fisheries Specialist
Marine Biologist
Research Scientist

Visit [O*Net Online](#) for more Career Options.

Plant Science Pathway

Engineering Institute				Highlands High School
Programming Pathway				
STEM Endorsement				
Extended Learning Experiences				
High School	<u>Science, Technology, Engineering, & Mathematics</u> 	Curricular Experiences <u>Business Professionals of America</u> <u>Future Business Leaders of America</u> <u>SkillsUSA</u> <u>Technology Student Association</u>	Extracurricular Experiences Academic Decathlon Computer Tutor Language Immersion Programs School Newspaper Student Government UIL Academic Competitions Yearbook	
	Career Learning Experiences Career Preparation Internship Job Shadowing	Service Learning Experiences Boy Scouts of America Campus Service Organizations Community Service Volunteer Girl Scouts of the USA Peer Mentoring / Peer Tutoring	Practicum and/or Work-Based Experiences Administrative Assistant Applications Specialist Computer Maintenance Technician Database Associate e-Trade Technician Programmer	
Post-Secondary Education Experiences				
Postsecondary	Associate Programs of Study Include: PC Operating Systems Personal Computer Hardware Introduction to Computer Maintenance Windows Server Computer Networking Technology	Bachelor Degree Opportunities Include: Biomedical Engineering Computer Science Computer Science-Systems Computer Engineering Computer Systems Engineering Microelectronics Technology Telecommunications	Graduate Degree Opportunities Include: Computer Engineering Engineering-Robotics & Control Manufacturing Systems Network Communications Systems Engineering Technology Project Management	
	Career Options Include: Code Programmer Data Systems Technician Documentation Writer Industrial Electronics Repairer Network Technician	Career Options Include: Autonomy Developer Diagnostic Engineer Firmware Engineer Manufacturing Engineer Network Engineer	Career Options Include: Communication Network Designer Embedded Electronics Engineer Manufacturing Engineering Robotics Engineer	
	Visit O*Net Online for more Career Options.			

Renewable Energy Pathway

STEM Endorsement



Jefferson High School

Extended Learning Experiences

High School

Science, Technology, Engineering, & Mathematics



Curricular Experiences

[BEST Robotics, Inc.](#)
[Project Lead The Way](#)
[SkillsUSA](#)
[STARS Research Program](#)
[Technology Student Association](#)
[The Infinity Project](#)

Extracurricular Experiences

Destination ImagiNation
Engineering by Design
FIRST Robotics Competition
International Bridge Building Contest
Junior Engineering Technical Society
UIL Academic Competitions
VEX Robotics Competition

Career Learning Experiences

Apprenticeship
Career Preparation
Internship
Job Shadowing

Service Learning Experiences

Campus Service Organizations
Community Service Volunteer
Peer Mentoring/Peer Tutoring

Practicum and/or Work-Based Experiences

Biomedical Electronics Technician
Biomedical Equipment Technician
Central Services Technician
Laboratory Assistant
Production Operator

Post-Secondary Education Experiences

Postsecondary

Associate

Programs of Study Include:

General Biology
Applied General Chemistry
Intro to Geology
Intro to Physical Science

Career Options Include:

Bio-Manufacturing Technician
Dairy Technologist

Bachelor

Degree Opportunities Include:

Applied Mathematics
Biology
Chemistry
Geological & Related Science
Information Science
Mathematics
Physical Science

Career Options Include:

Biologist
Cryptographer
Chemist
Geologist
Mathematician
Statistician

Graduate

Degree Opportunities Include:






Analytical Chemistry
Applied Mathematics
Biology
Climatology
Geological & Related Science
Information Science
Toxicology
Mathematics
Physical Science

Career Options Include:

Climatologist
Nuclear Engineer
Toxicologist
Zoologist

Visit [O*Net Online](#) for more Career Options.

Renewable Energy Pathway

<div>Teacher Education Pathway</div> <div>Public Service Endorsement</div>		<div> Brackenridge High School</div> <div> Edison High School</div> <div> Highlands High School</div> <div> Lanier High School</div>	
Extended Learning Experiences			
High School	<div>Education & Training</div> <div></div>	<div>Curricular Experiences</div> <div>Family, Career and Community Leaders of America</div> <div>Texas Association of Future Educators</div>	<div>Extracurricular Experiences</div> <div>Language Immersion Programs</div> <div>4-H Youth Development</div> <div>School Newspaper</div> <div>Speech & Debate Team</div> <div>Student Government</div> <div>UIL Academic Competitions</div> <div>Yearbook</div>
	<div>Career Learning Experiences</div> <div>Career Preparation</div> <div>Internship</div> <div>Job Shadowing</div>	<div>Service Learning Experiences</div> <div>Before/After-School Aide</div> <div>Campus Service Organizations</div> <div>Community Service Volunteer</div> <div>Peer Tutoring / Peer Mentoring</div> <div>Ready, Set, Read!</div> <div>Summer-Camp Counselor</div>	<div>Practicum and/or Work-Based Experiences</div> <div>Community Youth Services Aide</div> <div>Educational Aide I</div> <div>Library Aide</div> <div>Preschool Aide/Work</div> <div>Recreational Aide</div> <div>Teacher Assistant</div>
Post-Secondary Education Experiences			
Postsecondary	<div>Associate</div> <div>Programs of Study Include:</div> <div>Human Relations</div> <div>Multicultural Education</div> <div>Child Growth & Development</div> <div>Educating Young Children</div> <div>Child Guidance</div> <div>Career Options Include:</div> <div>After-School Program Supervisor</div> <div>Assistant Teacher</div> <div>Group Worker/Assistant</div> <div>Self-Enrichment Teacher</div> <div>Recreation Attendant</div>	<div>Bachelor</div> <div>Degree Opportunities Include:</div> <div>Multidisciplinary Studies with Specialization (ESL, Middle Level, Special Education)</div> <div>Subject Specific Degree with Teacher Certification</div> <div>Career Options Include:</div> <div>Adult Educator</div> <div>Coach</div> <div>Cooperative Extension Agent</div> <div>Elementary Teacher</div> <div>Secondary Teacher</div> <div>Special Education Teacher</div>	<div>Graduate</div> <div>Degree Opportunities Include:</div> <div>Bilingual Education & Dev. Adult Educ.</div> <div>Early Childhood Education</div> <div>Technology</div> <div>High Education</div> <div>Elementary/Secondary Education</div> <div>Special Education</div> <div>Administration</div> <div>Career Options Include:</div> <div>Adult Educator</div> <div>Elementary/Secondary Teacher</div> <div>Cooperative Extension Specialist</div> <div>Special Education Specialist</div> <div>Administrator</div> <div>University Instructor/Professor</div>
	Visit O*Net Online for more Career Options.		

Veterinary Technical Pathway



Burbank High School

Business & Industry Endorsement

Extended Learning Experiences

High School	<u>Agriculture, Food, & Natural Resources</u> 	Curricular Experiences <u>Texas FFA Association</u>	Extracurricular Experiences Agriscience Fair College of Veterinary Open House Farm Bureau Exchange Programs School Newspaper Student Government UIL Academic Competitions Yearbook
	Career Learning Experiences Apprenticeship Career Preparation Internship Job Shadowing	Service Learning Experiences Animal Emergency Response Animal Rescue Boy/Girl Scouts Children's Barnyard Community Service Volunteer Petting Zoos	Practicum and/or Work-Based Experiences AG Research Service Employee Certified Veterinary Assistant Pet Store Employee Ranch Employee Veterinary Clinic Employee Zoo Keeper

Post-Secondary Education Experiences

Postsecondary	Associate	Bachelor	Graduate
	Programs of Study Include: Intro Animal Science Intro to Veterinary Technology Veterinary Medical Terminology Veterinary Anatomy & Physiology Pharmacological Calculations	Degree Opportunities Include: Animal Science Biomedical Science Histotechnologist Biochemistry Equine Studies Microbiology	Degree Opportunities Include: Doctor of Veterinary Medicine Equine Practitioner Veterinary Anatomy
	Career Options Include: Animal Caretaker Supervisor Laboratory Technician Registered Veterinary Technician	Career Options Include: Agricultural Researcher Ornithologist Mammalogist Research Nutritionist	Career Options Include: Licensed Veterinarian Research Facility Manager Veterinarian Surgeon Veterinary Livestock Inspector
Visit O*Net Online for more Career Options.			



Section IX:

Appendices

SAISD


SAISD Disclaimer:


The contents of the High School Information Guide are relevant to SAISD Policy (LEGAL and LOCAL) and Administrative Procedures as of January 2016. For current information regarding district policy, please refer to the San Antonio Independent School District website at [SAISD Board Policy Manual](#) or visit with your school counselor.

Specific school-related questions should be directed to campus staff. When a parent or guardian has a question or concern, he or she should contact the person who made the initial decision. If the concern continues after the discussion, the principal should be contacted.

San Antonio Independent School District does not discriminate on the basis of race, religion, color national origin, sex, or disability in providing education services, activities, and programs, including vocational programs, in accordance with Title VI of the Civil Rights Act of 1964, as amended; Title IX of the Educational Amendments of 1972; section 504 of the Rehabilitation Act of 1973, as amended.

Appendix A: 2016-2017 SAISD School Directory

 High Schools				
Phone	School No. District	School Name	Address/ Zip Code	Fax
228-1200	001 District 1	Brackenridge	400 Eagleland Dr. 78210	534-9770
228-1210	002 District 4	Burbank	1002 Edwards St. 78204	533-4394
738-9720	003 District 6	Edison	701 Santa Monica Dr. 78212	738-2408
738-9730	004 District 1	Fox Tech	N. Main Ave. 78205	224-8792
438-6800	005 District 3	Highlands	3118 Elgin Ave. 78210	337-2567
978-7900	006 District 2	Houston	4635 E. Houston St. 78220	666-2915
438-6570	007 District 7	Jefferson	723 Donaldson Ave. 78201	738-2406
978-7910	008 District 5	Lanier	1514 W. Cesar E. Chavez Blvd. 78207	224-9516
438-6810	014 District 5	Navarro	623 S. Pecos St. 78207	226-5426
486-2406	025 District 2	St. Philips ECHS	1801 Martin L. King Dr. 78203	228-3094
738-9830	022 District 1	Travis ECHS	1915 N. Main Ave. 78212	733-5486
438-6525	023 District 7	Young Women's	2123 W. Huisache Ave. 78201	732-7999

 Special Campuses				
226-3042	024 District 5	Cooper Academy	1700 Tampico St. 78207	223-9031
438-6820	010 District 5	Estrada A.C. (7-12)	1112 S. Zarzamora St. 78207	227-8656
438-6825	064 District 1	Pickett Academy (9-12)	1931 E. Houston St. 78202	212-3997

Board of Education: Patti Radle, President, District 5; Arthur V. Valdez, Vice President, District 4; Debra Guerrero, Secretary, District 3; Steve Lecholop, Trustee, District 1; James Howard, Trustee, District 2; Ed Garza, Trustee, District 7; Olga Hernandez, Trustee, District 6.

Superintendent of Schools: Pedro Martinez

Appendix B: SAISD Administrative Offices

Department	Address	Phone	Department	Address	Phone
Academic Support	406 Barrera St. / 78210	554-2610 (main) 212-6999 (fax)	Government & Community Relations	518 E. Magnolia Ave. / 78212	554-2230 228-3126
Administration & Leadership Development	141 Lavaca St. / 78210	554-2270 (main) 228-3129 (fax)	Guidance & Counseling	1700 Tampico / 78207	554-2575 228-3121
Admissions & Hearings	1112 S. Zarazamora St. / 78207	438-6824 (main) 431-7997 (fax)	Migrant Program	1700 Tampico Rm. 113 / 78207	554-2545 228-4606
Adult & Community Education	325 Pruitt Ave. / 78204	229-1102 229-0252	Parent & Family Engagement	518 E. Magnolia Ave. / 78212	554-2210 228-3029
Attendance Accountability	1700 Tampico St. Rm. 215 / 78207	554-2680 228-3076	SAISD Police Department	1702 N. Alamo St. / 78218	299-1331
Athletics	110 Tuleta / 78212	554-2655 228-3137	SAISD Sports Complex	1002 Edwards St. / 78204	533-4671
Charter/Magnet/ Summer School	406 Barrera St. / 78210	554-2660 212-6999	Satellite Campuses	600 Mission Rd. / 78210	335-7865
District Instruction 406 Barrera St. / 78210 Advanced Academics 554-2555 PE/Health 554-2540 Mathematics 554-2525 Special Education 225-2406 Reading/Lang. 554-2530 UVA 554-2445 Science 554-2625 Technology 554-2430 Social Studies 554-2630 Career & Tech 554-2610 Fine Arts 554-2565 Gear UP 2 554-2615 Dyslexia/504 554-2570 ROTC 224-7937			School Age Parenting	1700 Tampico / 78207	438-6815 228-3135
			Navarro Learning Center	623 S. Pecos St. / 78207	438-6813 228-3135
			School Leadership	406 Barrera St. / 78210	554-2515 226-6373
			Student Health Services	611 N. Main Ave. / 78205	554-2435 228-3122
			Student Support Services (uniforms)	1700 Tampico / 78207	554-2580 228-3124
Dropout Recovery Program	1700 Tampico / 78207	226-3042 223-9031	Transcripts	1702 N. Alamo St. / 78215	224-2990 228-3095
Education Initiatives	1700 Tampico Rm. 121 / 78207	554-2595 228-2155	Transfers	1112 S. Zarazamora St. / 78207	438-6824 (main) 431-7997 (fax)
Family & Student Support	1700 Tampico Rm. 114 / 78207	554-2635 228-3193	Transportation	1103 Austin St. / 78208	223-9792 271-7204
GED Testing	1700 Tampico Rm. 106 / 78207	554-2440			

Truancy Hotline: 223-2360

Fraud Hotline: 212-6548

Appendix C: Grade Point Average Conversion Scales

GPA is one of the most important pieces of information colleges will consider in the application process.

SAISD calculates the GPA on the basis of weighted grade averages for course grades, excluding the last semester/term (or 18 weeks) of the senior year.

Weighted GPA takes into account course difficulty represented by advanced (AP, IB, DC) and pre-advanced (Pre-AP, Pre-IB) courses rather than providing the same letter-grade-to-GPA-conversion for every student.

The GPA conversion scale is used to convert numerical grades into the mathematically computed score that is used for the following:

- College Admissions
- Scholarships/Grants
- Apply Texas (for college admission)

The end of semester **numeric grade and converted grade point** are recorded on the student's transcript and permanent record.

	Tier 1	Tier 2	Tier 3
Numerical Grade	Advanced Courses (AP, IB, DC)	Pre-Advanced Courses (Pre-AP, Pre-IB)	Regular Courses
110	5.0	4.5	5.0
109	5.0	4.5	4.9
108	5.0	4.5	4.8
107	5.0	4.5	4.7
106	5.0	4.5	4.6
105	5.0	4.5	4.5
104	5.0	4.5	4.4
103	5.0	4.5	4.3
102	5.0	4.5	4.2
101	5.0	4.5	4.1
100	5.0	4.5	4.0
99	4.9	4.4	3.9
98	4.8	4.3	3.8
97	4.7	4.2	3.7
96	4.6	4.1	3.6
95	4.5	4.0	3.5
94	4.4	3.9	3.4
93	4.3	3.8	3.3
92	4.2	3.7	3.2
91	4.1	3.6	3.1
90	4.0	3.5	3.0
89	3.9	3.4	2.9
88	3.8	3.3	2.8
87	3.7	3.2	2.7
86	3.6	3.1	2.6
85	3.5	3.0	2.5
84	3.4	2.9	2.4
83	3.3	2.8	2.3
82	3.2	2.7	2.2
81	3.1	2.6	2.1
80	3.0	2.5	2.0
79	2.9	2.4	1.9
78	2.8	2.3	1.8
77	2.7	2.2	1.7
76	2.6	2.1	1.6
75	2.5	2.0	1.5
74	2.4	1.9	1.4
73	2.3	1.8	1.3
72	2.2	1.7	1.2
71	2.1	1.6	1.1
70	2.0	1.5	1.0
69	1.9	1.4	.9
68	1.8	1.3	.8
67	1.7	1.2	.7
66	1.6	1.1	.6
65	1.5	1.0	.5
64	1.4	.9	.4
63	1.3	.8	.3
62	1.2	.7	.2
61	1.1	.6	.1
60 or below	0	0	0

Appendix D: STAAR End-of-Course Reporting Categories

The State of Texas requires every public school district to assess a student's mastery of the state curriculum standards, otherwise known as the Texas Essential Knowledge and Skills (TEKS). Texas Education Agency (TEA) has implemented a new assessment model known as State of Texas Assessments of Academic Readiness (STAAR) that has replaced the Texas Assessment of Knowledge and Skills (TAKS) Assessments. At the high school level, grade-specific assessments have been replaced with a series of 5 End-of-Course (EOC) Assessments: Algebra I, English I, English II, Biology, and U.S. History. High School students entering the 9th graders in 2011-2012 and thereafter will need to take EOC Assessments for any courses they are enrolled.

The STAAR/EOC reporting categories listed below consist of readiness standards, defined as those TEKS considered critical for success in the current grade or subject and important for preparedness in the grade or subject that follows, and supporting standards.

English I, II (EOC)

Reporting Category 1: Understanding/Analysis across Genres (Reading)

Reporting Category 2: Understanding /Analysis of Literary Texts (Reading)

Reporting Category 3: Understanding/Analysis of Informational Texts (Reading)

Reporting Category 4: Composition (Writing)

Reporting Category 5: Revision (Writing) Reporting Category 6: Editing (Writing)

Algebra I (EOC)

Reporting Category 1: Functional Relationships

Reporting Category 2: Properties and Attributes of Functions

Reporting Category 3: Linear Functions

Reporting Category 4: Linear Equations and Inequalities

Reporting Category 5: Quadratic and Other Nonlinear Functions

Biology (EOC)

Reporting Category 1: Cell Structure and Function

Reporting Category 2: Mechanisms of Genetics

Reporting Category 3: Biological Evolution and Classification

Reporting Category 4: Biological Processes and Systems

Reporting Category 5: Interdependence within Environmental Systems

US History (EOC)

Reporting Category 1: History

Reporting Category 2: Geography and Culture

Reporting Category 3: Government and Citizenship

Reporting Category 4: Economics, Science, Technology, and Society

Appendix E: 2016-2017 SAISD Instructional Calendar

San Antonio Independent School District

2016 - 2017 Instructional Calendar

Approved 4/5/2016

August

S	M	T	W	T	F	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

10-19 - 2 District Staff Development Days,
2 Teacher Workdays,
3.5 Campus Staff Development Days,
and District Convocation (.5 days)
22 - First Day of School

September

S	M	T	W	T	F	S
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	

5 - Holiday - Labor Day
21 - Student Early Release/District Staff Development

October

S	M	T	W	T	F	S
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

12 - Student Early Release/District Staff Development
21 - End of 1st Nine Weeks/
Student Early Release/Teacher Professional Time
24 - Start of 2nd Nine Weeks

November

S	M	T	W	T	F	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30			

16 - Student Early Release/District Staff Development
21-25 - Holiday - Thanksgiving Break

December

S	M	T	W	T	F	S
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

19-30 - Holiday - Winter Break

January

S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

2 - Holiday - Winter Break
12 - End of 2nd Nine Weeks and 1st Semester
13 - Student Holiday/Campus Staff Dev./Teacher Prof. Time
16 - Holiday - Martin Luther King Jr. Day
17 - Start of 3rd Nine Weeks/2nd Semester

February

S	M	T	W	T	F	S
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28				

15 - Student Early Release/District Staff Development
20 - Holiday - Presidents' Day / Bad Weather
Makeup Day

March

S	M	T	W	T	F	S
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

13-17 - Holiday - Spring Break
24 - End of 3rd Nine Weeks/
Student Early Release/Teacher Professional Time
27 - Start of 4th Nine Weeks

April

S	M	T	W	T	F	S
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30						

14 - Holiday - Easter Break
28 - Holiday - Battle of Flowers

May

S	M	T	W	T	F	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

29 - Holiday - Memorial Day / Bad Weather
Makeup Day

June

S	M	T	W	T	F	S
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	

2 - Last Day of School/End of 4th Nine Weeks/
End of 2nd Semester
5 - Teacher Workday

Legend

	Holiday
	Teacher Workday
	Student Holiday/Staff Dev./Teacher Prof. Time
	Student Early Release Day/Teacher Professional Time
	Begin/End Grading Period
	Bad Weather Makeup Day
	Student Early Release Day/Teacher Staff Development

9 Weeks: 1st = 44 2nd = 43 3rd = 43 4th = 47
177 Student Days 187 Teacher Days
Calendar includes at least 75,600 minutes of instruction.

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Appendix G: Endnotes

Board Policies Referenced Include:

EIA	Academic Achievement-Grading/Progress Reports to Parents
EIC	Academic Achievement-Class Ranking
EHDB	Alternative Methods for Earning Credit-Credit by Examination with Prior Instruction
EI	Academic Achievement
EIAB	Grading/Progress Reports to Parents-Makeup Work
EIF	Academic Achievement-Graduation
EJ	Academic Guidance Program
EKB	Testing Programs-State Assessment
FD	Admissions
FEA	Attendance-Compulsory Attendance
FM	Student Activities

Endnotes

^e A student graduating under the Advanced/Distinguished Achievement Program must also achieve a combination of four of the following advanced measures:

1. An original research project or other project that is related to the required curriculum. These projects must be judged by a panel of professionals or conducted under the direction of a mentor and reported to an appropriate audience. Please note that no more than two of the four advanced measures may be received from this option.
2. Test data where a student receives:
 - a. A score of three or above on an Advanced Placement (AP) exam;
 - b. A score of four or above on an International Baccalaureate (IB) exam; or
 - c. A score on the Preliminary SAT/National Merit Scholarship Qualifying Test (PSAT/NMSQT) that qualifies the student for recognition as a commended scholar or higher by the College Board and National Merit Scholarship Corporation, as part of the National Hispanic Recognition Program (NHRP) of the College Board, or as part of the National Achievement Scholarship Program of the National Merit Scholarship Corporation. The PSAT/NMSQT score will count as only one advanced measure regardless of the number of honors received by the student.
3. College academic courses, including those taken for dual credit, and advanced Technical courses, including locally articulated courses, provided the student scores the equivalent of a 3.0 (80 or higher).

The Distinguished Achievement Program calls for specific course requirements in addition to students successfully completing any combination of four advanced measures. The measures focus on demonstrated student performance at the college level, test performance, or work equivalent to that done by professionals in the arts, sciences, business, industry, or in community service. Advanced measures are:

- Original research and/or project
- Advanced Placement exam score of 3 or above
- International Baccalaureate exam score of 4 or above
- College course – 3.0 or higher
- Articulated course – 3.0 or higher
- Qualifying PSAT score



San Antonio Independent School District
141 Lavaca Street
San Antonio, Texas 78210
Telephone: (210) 554-2200
www.saisd.net

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