

# 2022-2023 SYLLABUS Burbank High School



Instructor: **Mr. Pete Barcenez**

Classroom: **Lab 1214**

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## Course Description: **AP Computer Science Principles**

AP Computer Science Principles introduces students to the foundational concepts of the field and challenges them to explore how computing and technology can impact the world.

Content requirements. Content requirements for Advanced Placement (AP) Computer Science Principles are prescribed in the College Board Publication Advanced Placement® Curriculum Framework: AP Computer Science Principles, published by The College Board.

### Units of Study:

*Unit 0 - Functional Academics*

*Critical Thinking*

*Soft skills*

Unit 1 - Computer Literacy

Unit 2 - Productivity

Unit 3 – Design Guidelines

Unit 4 - Presentation Basics

Unit 5 – I.T. Industry

Unit 6 – Hardware & Networks

Unit 7 – Data Management

Unit 8 – Ethics and I.T.

Unit 9 – Basics of Computer Science

Unit 10 – Basics of Web Design

Unit 11 – Marketability

Unit 12 - Projects and Portfolios

### High School Credit /

#### Final Exam:

***This class will count as 1.0 high school credit if the student successfully passes the class. A final exam will be given.***

### Grades:

Assignments: 60%

Assessments: 40%

### Grading Scale:

A 90-100

B 80-89

C 75-79

D 70-74

F 0-69

### Late Work:

10 points will be deducted for work that is turned in late. Students have until the end of the grading period to turn in missed assignments.

### MATERIALS & SUPPLIES:

Students will need and are expected to bring the following materials to class everyday:

- › Graph Composition Book
- › Pen (black or blue)
- › Paper
- › Binder (AVID)
- › Thin line Markers
- › Tube of Clorox sanitizing wipes or hand sanitizer (extra credit)

### Make Up Work:

A student is allowed two instructional days for each day missed during which make-up work may be completed or to schedule a make-up assessment.

### Work Corrections

Students are allowed to correct work that is below an 85.

### Computer Use

Computers are to be used for educational purposes only. In order to use the computers the students must agree to follow the computer usage agreement as well as the SAISD Student Acceptable Use Policy for the Electronic Communications Systems. In the event that they break the agreement, the student will be given an alternate assignment that is related to the topic being covered in class.

## CLASSROOM MANAGEMENT: EXPECTATIONS, RULES, PROCEDURES AND CONSEQUENCES

### CLASSROOM EXPECTATIONS AND PROCEDURES:

Students are expected to be **respectful of each other, the teacher, and school property at all times**. There are other several required expectations:

- ALL students must abide by the District and Campus rules of conduct and dress.
- ALL students must abide by Computer Lab rules at all times. (see handout)
- ALL students must put away electronics (smart phone, i-Pad, tablet, psp, etc.) during the class time.

### RULE VIOLATIONS

There are some instances for which removal from class and an immediate referral are non-negotiable. If this occurs, the teacher will work with administration at an appropriate time to resolve the situation. These situations may include but are not limited to: physical aggression and engaging in unsafe behavior. Minor insubordination and other infractions will be handled using the following steps:

1. Warning
2. Private conversation about behavior
3. Parent Phone Call
4. After School Detention
5. Parent Student Teacher Conference
6. Office referral

### Tutoring:

Students are welcome to stay for tutoring, a list of tutoring hours and tutoring days will be posted on the classroom door and available to all students.

### Parent Communication

Parents, teachers, and students work together to promote learning. It is important to me to communicate with you on a regular basis concerning your child's progress in learning required concepts and standards. I will either send notes home, call or email when appropriate. Please feel free to email me at any time. My email is listed on the top section of this syllabus.

### Parent Acknowledgement of Syllabus

- I have received the Principles of Information Technology syllabus. I am aware of the class subject and the topics that my child will be learning this year.
- I have been made aware of how my child's classwork will be graded and what the procedures are for making up missed work and reviewing work that has received a low grade.
- I have reviewed the classroom management procedures, expectations, rules and consequences for the course and I will support the teacher's effort with my child to maintain an environment conducive to learning.

Student Name: \_\_\_\_\_ Parent/Guardian Name: \_\_\_\_\_

Student Signature: \_\_\_\_\_ Parent/Guardian Signature \_\_\_\_\_

Phone Number: \_(\_\_\_\_)\_\_\_\_\_ Email: \_\_\_\_\_

*If you would like a copy of this syllabus for your records, please send an email to [pbarcenez1@saisd.net](mailto:pbarcenez1@saisd.net) type "send syllabus" in the subject line and a copy will be emailed to you*