Texas Education Agency

HOUSTON H S

P-TECH Renewal Application

2022-2023

Contents

Background

District Affiliation

SAN ANTONIO ISD

CD #: 015907
Region: 20
Mailing Address (Line 1):141 LAVACA ST
Mailing Address (Line 2):
City, State, Zip:SAN ANTONIO, TX 78210

School Affiliation

HOUSTON H S

CDC #: 015-907-006
Region:
Mailing Address (Line 1): 4635 E HOUSTON ST
Mailing Address (Line 2):
City, State, Zip: SAN ANTONIO, TX 78220

Academy Information

What is the academy name?

Cyber P-TECH at Sam Houston High School

Which model does the district intend to implement at this time? Within these models, there are variations.

School-Within-School (SWS) - A subset of students on the campus are enrolled in grades 9-12 are enrolled in the academy.

Grade Levels Served

What grade level(s) will your academy plan to serve?

9
10
11
12

Enter the number of students that you plan to serve in 9th grade.

125

Enter the number of students that you plan to serve in 10th grade.

60

Enter the number of students that you plan to serve in 11th grade.

30

Enter the number of students that you plan to serve in 12th grade.

40

Contacts

Applicant

Applicant 1

Job Title

Coordinator, Cyber P-TECH USA

Name Prefix

Ms.

First Name

Kaye

Last Name

Robinson

Email

krobinson1@saisd.net

Phone

210-978-7900

Principal

Principal 1

Name Prefix

Mrs.

First Name

Sharene

Last Name

Dixon

Email

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Phone

210-978-7900

Superintendent

Superintendent 1

Name Prefix

Dr.

First Name

Rober

Last Name

Jacklich

Email

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Phone

210-554-2281

Narratives

Narratives

The majority of the following questions will be narrative response. Narrative responses are limited to a maximum of 250 words. We recommend writing your responses in a text-editing software such as Microsoft Word and then pasting your responses into the website when they are complete. Progress to the next section when you are ready.

Narratives: Degrees and Credentials, Recruitment and Enrollment

Degrees and Credentials

Select the Career Cluster(s) that your academy plans to offer.

Information Technology

Select the Program(s) of Study your academy plans to offer.

Information Technology Support and Services

Which of the following credential(s) does the academy plan to offer students?

AD
PSC
IC

What associate degree(s) does the academy plan to offer?

Item

Cybersecurity

What level 1 postsecondary certificate(s) provided by an IHE does the academy plan to offer?

Item

Information Systems Cybersecurity

What industry certifications does the academy plan to offer?

Item

CompTIA IT Fundamentals+

CompTIA Network+

CompTIA Security+

Does the IHE partner currently have an articulation agreement with a four-year IHE detailing how a student's associate degree and accrued credits could lead to a baccalaureate degree?

Yes

Provide the university name that your IHE partner has an articulation agreement with and the bachelor degree that students could earn using their associate degree and accrued credits. Each row represents a degree.

2-Year Degree	University	4-Year Degree
Associates of Science Information Technology Cyber Security Specialist	Texas A&M University San Antonio	BAAS Information Technology

Recruitment and Enrollment

Describe any changes in established plans for recruitment and enrollment process that meet open enrollment requirements.

There are no changes in established plans for recruitment and enrollment. Cyber P-TECH USA is open enrollment

Narratives: Strategic Partnerships: IHE, Strategic Partnerships: Business Partner, Business Partners: Hiring Priority

Strategic Partnerships: Business Partner

Business/Industry Partner 1

Affiliation/Company

Accenture Federal Services

Job Title

Delivery Operations Lead

Name Prefix

Mrs.

First Name

Sandra

Last Name

Schlortt

Email

sandra.k.schlortt@accenturefederal.com

Phone

210-918-8121

Describe how the Business/Industry articulation agreement addresses the following Business/Industry Blueprint Requirements: Clear roles and responsibilities for work site supervisors, mentors, teachers, support personnel, and other partners.

As the strategic industry partner for Cyber P-TECH USA at Sam Houston HS, Accenture Federal Services has entered into a memorandum of understanding whereby Accenture will assist in developing roles and responsibilities for work site supervisors, mentors, teachers, support personnel, and other partners.

Describe how the Business/Industry articulation agreement addresses the following Business/Industry Blueprint Requirements: Support for students' activities, such a clubs, Career and Technical Student Organizations, competitions, and special invitations.

As the strategic industry partner for Cyber P-TECH USA at Sam Houston HS, Accenture Federal Services has entered into a memorandum of understanding whereby Accenture will, support when applicable students' activities, such as clubs, Career and Technical Student Organizations, competitions, and special initiatives. Example: o Cyber Patriots mentors provided through AFS.

Describe how the Business/Industry articulation agreement addresses the following Business/Industry Blueprint Requirements: Student access to business and industry partners and work-based learning facilities, services, and resources.

As the strategic industry partner for Cyber P-TECH USA at Sam Houston HS, Accenture Federal Services has entered into a memorandum of understanding whereby Accenture will provide when applicable access to business and industry partners and work-based learning facilities, services, and resources. Examples: o Summer Bridge soft skills facilitation o Induction Ceremony Dinner Host/ Presenter o Job Shadow Day o AFS Mentors o Chair and Co-Chair Advisory Board.

Describe how the Business/Industry articulation agreement addresses the following Business/Industry Blueprint Requirements: Transportation fees and costs.

As the strategic industry partner for Cyber P-TECH USA at Sam Houston HS, Accenture Federal Services has entered into a memorandum of understanding whereby Accenture will not be required to cover transportation costs and fees for students.

Strategic Partnerships: IHE

The P-TECH shall have strategic partnerships with business and industry partners and IHEs that are formally articulated in writing and clearly define a variety of careers.

IHE Partner 1

Affiliation

St. Philip's College

Name Prefix

Dr.

First Name

Adena

Last Name

Williams Loston

Email

aloston@alamo.edu

Phone

210-486-2900

Job Title

President

Describe how the IHE articulation agreement addresses the following IHE Blueprint Requirement: Curriculum alignment and courses of study, which enables a student to combine high school courses and college-level courses to earn either an associate degree, postsecondary certificate provided by an IHE, or industry certification.

As the strategic institution of higher education for Cyber P-TECH USA at Sam Houston HS, St. Philip's College has entered into a memorandum of understanding whereby St. Philip's College will work with the school district to develop either a two-year or four-year course of study plan (grades 9-12) that meets the requirements of Applicable Law, provides a seamless transition for students from grade level to grade level, allows students to transition from high school classes to a gradual integration to college level classes during grades 9-12 and represents high levels of rigor, acceleration, and support. The plan will provide pathways to a certificate, associate, or baccalaureate degree and must follow the courses and fields of study listed in the THECB Lower Division Academic Course Guide Manual or courses required for a Level I or Level II certificate. The College Academic Chairs or Faculty Liaison along with the Principal / P-TECH Director or P-TECH designee will be responsible for working with PTECH faculty to develop and refine a clear and coherent academic program across the two institutions for curriculum alignment. The P-TECH curriculum for dual credit courses will include principles of leadership with the same curriculum and at the same level it is included in the College's curriculum.

Describe how the IHE articulation agreement addresses the following IHE Blueprint Requirements: Policies for: 1) advising students on the transferability of all college credit offered and earned, 2) ensuring the IHE transcripts college credit earned through dual credit in the same semester that credit is earned, 3) advising students as to the transferability and applicability to baccalaureate degree plans for all college credit offered and earned (college credits earned during high school should allow students to progress from an associate degree to a bachelor's degree and beyond in their chosen field), 4) students accessing the IHE facilities, services and resources

As the strategic institution of higher education for Cyber P-TECH USA at Sam Houston HS, St. Philip's College has entered a memorandum of understanding whereby St. Philip's College will ensure: College credit for each P-TECH student appears on the College transcript as students complete each college course. Transcription of college credit is the responsibility of the College and transcription of high school credit is the responsibility of the School District. The School District determines how the college grades will be recorded in the high school transcript for GPA and ranking purposes. The School District, through the P-TECH staff, will ensure that parents are aware and knowledgeable of this and other procedures regarding transcription of grades. See policies procedure F.4.1.1 in http://www.alamo.edu. The P-TECH Counselor, College Advising Staff or College Coordinator of High School Programs shall assist students to take courses that will count toward the degree at the 4 year university of choice or a degree or certificate from the College. The Transfer Advising Guides are resources for the pathways to baccalaureate degrees. The P-TECH students will have access to student services and facilities as regular college students, including but not limited to the use of academic and support facilities including the library, computer labs, study rooms, student services, bookstore, and food services. It is recognized that P-TECH students may gain access on the College campus to the unrestricted internet access afforded other College students.

Describe how the IHE articulation agreement addresses the following IHE Blueprint Requirements: Transportation costs and fees including provisions for discontinuing operation while ensuring students previously enrolled will have opportunity to complete their course of study.

As the strategic institution of higher education for Cyber P-TECH USA at Sam Houston HS, St. Philip's College has entered into a memorandum of understanding whereby the School District will provide for such student transportation as may be required to and from the College as required under State law, and for any P-TECH field trips, each pursuant to applicable School District rules and procedures. Either party may terminate the MOU through written notice to the other party given not later than the last day in December and to be effective for the ensuing academic fall semester. In the event of termination, the Steering Committee will prepare an agreeable plan of dissolution in accordance with all Applicable Laws to be submitted and approved by the Leadership Council. In the event of termination and notwithstanding the foregoing, the 11th and 12th grades will continue operation through scheduled graduation. The 9th and 10th grades will return to the home high school.

Describe how the IHE articulation agreement addresses the following IHE Blueprint Requirements: Data sharing agreement that includes provisions for teacher data such as qualifications and student level data such as credit hours taken and earned, GPA, formative data to assess if student is on track for college readiness

As the strategic institution of higher education for Cyber P-TECH USA at Sam Houston HS, St. Philip's College has entered into a memorandum of understanding whereby stating, in accordance with Applicable Law, School District will maintain student records pertaining to P-TECH and provide College

copies of the grades, progress, and other informational data on student assessment, promotion, retention, award of diplomas, and other student data necessary and advisable for College to perform its obligations under this MOU. Each party will be responsible for maintaining student records and records pertaining to the Program in conformity with the Texas Record Retention laws and the federal FERPA. Each Party designates the other Party as its agent with a legitimate educational interest in students' education records for purposes of FERPA, and each Party agrees in its capacity as such agent to comply with the FERPA requirements set forth, without limitation, at 20 CFR 99.33. Each party shall institute policies and procedures reasonably designed to ensure that its employees and agents comply with these and all other federal and state laws, including, without limitation, FERPA, governing the rights of P-TECH students with respect to educational records, and shall protect student education records against accidental or deliberate re-disclosure to unauthorized persons. College credit for each P-TECH student appears on the College transcript as students complete each college course. Transcription of college credit is the responsibility of the College and transcription of high school credit is the responsibility of the School District. The School.

Business Partners: Hiring Priority

List the business partner(s) that have an agreement with the district that students completing the P-TECH program and otherwise meet hiring requirements have priority interviewing with the employer.

Business Partner
Accenture Federal Services - see MOU for details

Narratives: Regional Workforce Alignment, Work-Based Learning

Work-Based Learning

Add up to three activities offered to 9th grade students.

9th Grade Activities
Project-Based Learning
Guest Speakers
Skills to Succeed (soft skills)

Add up to three activities offered to 10th grade students.

10th Grade Activities

Guest Speakers

Industry Mentors

Field Experiences

Add up to three activities offered to 11th grade students.

11th Grade Activities

College Visits

Professional Conferences

Externships

Add up to three activities offered to 12th grade students.

12th Grade Activities

Professional Conferences

Externships

Internships / Practicum

Regional Workforce Alignment

List the regional high-demand occupations your academy intends to address through selected program(s) of study and work-based learning.

Regional High-Demand Occupation

Cybersecurity

Narratives: Advanced Academics

Advanced Academics

Select the type of advanced courses (dual credit/AP/IB) your campus plans to offer students.

DC
AP

What type of dual credit courses does your campus plan to offer?

WECM
AGCM

Describe any challenges in ensuring your academy has educators with qualification to teach dual credit. What steps did your academy take to address the need?

Currently, Cyber P-TECH USA at Sam Houston HS has successfully filled it's dual credit teaching positions. In looking towards the future, the challenge will be finding highly qualified instructors that meet the requirements to be approved as dual credit instructors. San Antonio ISD is now requiring teachers to obtain the necessary credentials for instructors interested in teaching dual credit. In addition, San Antonio ISD is supporting the instructors in these efforts.

Is the academy a TSIA testing site?

Yes

Narratives: Curriculum and Support

Curriculum and Support

Provide examples of how the campus plans to provide students with academic services. List activities and brief descriptions of the activities. Add a new row for each provided service.

Activity	Description
Sprint 1 Million	Device provided to families without access to the internet.
Saturday	Academic support time providing remediation and acceleration in all content areas

School Activity	Description
Industry Mentors	Industry mentors provide a layer of support to the P-TECH student. Mentors support the student both in social emotional and academic aspects of development. Their primary role is to listen, encourage, share, and support P-TECH students.
College Visits	To provide early exposure, orientation, and parent/ student advisement.
Credit Attainment and Recovery	Intervention opportunity for accelerated credit attainment and recovery of lost credits previously attempted.

Provide examples of how the campus plans to provide students with wrap-around services. List activities and brief descriptions of the activities. Add a new row for each wrap-around service.

Activity	Description
Social Worker	On campus social worker that provides social services to students and parents.
Principal's Coffee	Monthly outreach to parents and community members. During this time the Principal shares program updates, activities and campus data.
Go Center	On campus college advisement center equipped with 2 college advisers to help students and parents prepare for college.
Communities in Schools	Non-profit organization based directly in the school providing students with mentors and community based resources.
AmeriCorps City Year	In class tutors that provide support to students in the areas of math and reading.
FACE Specialist	Parent family liaison that connects and informs parents, students, and the community with the school

How does your academy use the access, achievement, and attainment data for program improvement?

Cyber P-TECH USA at Sam Houston HS uses data from access, achievement, and attainment to improve programming by: - creating a targeted recruitment plan - developing individualized academic plans for struggling students - implementing enrichment activities for sustainability such as clubs, student advisories, summer bridge and summer camps - hiring masterful quality teachers - preparing students for TSIA that have not met standards - advising on dual credit - planning for parent forums that address college readiness - providing professional development to enhance teacher's knowledge and skills.

Narratives: Leadership Team

Leadership Team

List the Leadership Team's three priorities for the next year and describe how the selected priority contributes to the academy's success. Each priority should be a benchmark from the ECHS/T-STEM/P-TECH Blueprint.

Benchmark	Description
Benchmark 2: Target Population	Strategic recruitment to ensure we meet all 3 levels of the P-TECH Outcome-Based Measures
Benchmark 3: Strategic Alliances	Recruitment of additional formal industry partnerships in writing
Benchmark 1: School Design	Recruitment of highly qualified teachers

Narratives: Benchmark Products

Benchmark Products

On this page, you must provide a hyperlink to the location where your digital products corresponding to the product and activities that are required to be posted by the first day of serving students. Enter the hyperlink here. Hyperlinks must be entered with the fully qualified URL including "HTTP://" or "HTTPS://".

https://schools.saisd.net/page/006.cyber