Texas Education Agency

BOERNE - SAMUEL V CHAMPION H S

P-TECH Renewal Application

2023-2024

Contents

Background

District Affiliation

BOERNE ISD

CD #: 130901
Region: 20
Mailing Address (Line 1): 123 W JOHNS RD
Mailing Address (Line 2):
City, State, Zip: BOERNE, TX 78006

School Affiliation

BOERNE - SAMUEL V CHAMPION H S

CDC #: 130-901-002
Region:
Mailing Address (Line 1): 201 CHARGER BLVD
Mailing Address (Line 2):
City, State, Zip: BOERNE, TX 78006

BOERNE H S

CDC #: 130-901-001
Region:
Mailing Address (Line 1): 1 GREYHOUND LN
Mailing Address (Line 2):
City, State, Zip: BOERNE, TX 78006

Academy Information

What is the academy name?

Boerne ISD P-TECH Cyber Security Academy

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

School-Within-School: Multiple Campuses - A subset of students in grades 6-12 are enrolled in the academy. This model typically spans a middle school and high school.

Grade Levels Served

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

9
10
11

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

120

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

75

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

5

Contacts

Applicant

Applicant 1

Job Title

Director of BISD P-TECH Cyber Security Academy

Name Prefix

Ms.

First Name

Valerie

Last Name

Menchaca

Email

valerie.menchaca@boerneisd.net

Phone

830 357-2158

Principal

Principal 1

Name Prefix

Dr.

First Name

Beto

Last Name

Hinojosa

Email

beto.hinojosa@boerneisd.net

Phone

830 358-2000

Superintendent

Superintendent 1

Name Prefix

Dr.

First Name

Thomas

Last Name

Price

Email

thomas.price@boerneisd.net

Phone

830 358-2000

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.

STEM

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

Cybersecurity

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 A+ Certification

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?

No

Recruitment and Enrollment

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

No changes at this time.

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

Strategic Partnerships: Business Partner

Business/Industry Partner 1

Affiliation/Company

Varay Managed IT

Job Title

President

Name Prefix

Mr.

First Name

Patrick

Last Name

Holland

Email

patrick.holland@varay.com

Phone

2106409300

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.

The collaboration between the business/industry partner and the academy would include facility visits, guest speakers, presentations, career information, job shadowing, internships, externships and apprenticeships.

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 academy grows the business/industry career specific and informational support with regards for student activity would include student career focused organizations, competitions and specials events.

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.

The business/industry and academy partnerships would include access to the additional business and industry partners, facility visits, career information and career exploration.

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

Transportation fees and costs will be covered through the Boerne ISD Career and Technical Education department as the Boerne ISD P-TECH Cyber Security Academy is part of said department.

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

Northwest Vista College

Name Prefix

Dr.

First Name

Russell

Last Name

Frohardt

Email

rfrohardt@alamo.edu

Phone

2104864136

Job Title

Dean for Academic Success

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.

Students part of the Boerne ISD P-TECH Cyber Security Academy will be provided the opportunity to earn up to an associate degree in Cyber Security, Level 1 certificate and an industry based certification. Students are enrolled in a Boerne ISD public high school and Northwest Vista College and are provided with the academic and social support for their success.

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

Through the recruitment process and class registration students and families are educated to the transferability of college credit, dual credit, 4 year college opportunities as well as post high school career opportunities. Students tour the Northwest Vista College campus and are invited to all events as radiational college students are.

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.

Transportation fees and costs will be covered through the Boerne ISD Career and Technical Education department as the Boerne ISD P-TECH Cyber Security Academy is part of said department.

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

Student and program data is shared freely between Boerne ISD P-TECH Cyber Science Academy and Northwest Vista College. The information exchange provided growth of students and program.

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

Boerne ISD Technology Department

Narratives: Regional Workforce Alignment, Work-Based Learning

Work-Based Learning

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

9th Grade Activities

Facility Visits

Guest Speakers

Presentations

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

10th Grade Activities

Facility Visits, Guest Speakers, Presentations

Career Information

Job Shadowing

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

11th Grade Activities

Facility Visits, Guest Speakers, Presentations

Career Information

Job Shadowing

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

Information Security Analysts

Computer Network Architects

Computer Operators

Data Entry Keyers

Narratives: Advanced Academics

Advanced Academics

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

DC

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?

Boerne ISD P-TECH Cyber Security Academy is working closely with the district human resources to locate internal and external candidates as instructors for the pathway courses. The academy is working with the IHE to vet possible instructors for said courses.

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
The Well	The Well is a wrap around facility where parents are able to attend free sessions on College 101, completing the FASFA, mental health along with other offerings to help parents help their students with post-secondary readiness. Boerne ISD has started AVID school wide district wide with the current 6th grade class and will be seeking funding to provide AVID school wide at the high school level for the 2022-23 school year to provide college and career skill building instruction. Business/Industry partners will be involved in career exploration activities at all grade levels by volunteering time in the classrooms, mentor-ships, and internships. NVC will provide opportunities for families to explore the NVC campus and programming as well as participate in family nights at Boerne ISD Cyber Security P-TECH Academy. SAM'S (STUDENTS ACHIEVING MAXIMUM SUCCESS) Kids is a community outreach program who partners with Boerne ISD that has the goal to find and provide programs, people, and services that narrow the gap between a child's current academic performance and their full academic potential. SAM'S kids helps bridge the gap for students and builds relationships with families to help students reach their potential. SAM'S kids will be a continued support to our students by helping fill the financial and academic gaps for students in need.

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
Guidance Courses	Students are provided a weekly group oppourtunity to discuss current situation affecting students emotionally and academically; occurs during a time period planned into the daily schedule.

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

The betterment and growth of the Boerne ISD P-TECH Academy is a constant driving force behind the management of the program. Academic, behavioral and attendance data is reviewed weekly. Interaction with the students, parents and staff is a highly valued tool when seeking paths to increase program success. From this consistent work guest speakers, community participation, career information and post high school opportunities, CCMR, is developed and offered to the current P-TECH Cyber Security families as well as to future participating students.

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
Target Population	Increase of female participates; number of girls expressing interest in program is lower than boys. Exposure of STEM field profession related to Cyber Security is to be focused at the early middle school grade levels and elementary grades.
Curriculum, Instruction & Assessment	Increase usage of IHE services and facilities; Collaboartion with the district high school and Northwest Vista College libraries has been established. This positive agreement will provide information of currently under used services and ease as to access said services.
Student Support	Establishment of student/family opportunities post high school As the academy develops the needs of our students' as they formalize their post high school journey is important. Providing our families and students with current accurate information specific for an associates degree, level 1 certificate and industry based certification in Cyber Security is needed.

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://www.boerneisd.net/ptech