



HORIZON H S

P-TECH Renewal Application

2023-2024

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Background

District Affiliation

CLINT ISD

CD #: 071901

Region: 19

Mailing Address (Line 1): 14521 HORIZON BLVD

Mailing Address (Line 2):

City, State, Zip: EL PASO, TX 79928

School Affiliation

HORIZON H S

CDC #: 071-901-004

Region:

Mailing Address (Line 1): 14521 HORIZON BLVD

Mailing Address (Line 2):

City, State, Zip: EL PASO, TX 79928

Academy Information

What is the academy name?

Horizon High School P-TECH Cybersecurity Academy

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

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

25

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

16

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

5

Contacts

Applicant

Applicant 1

Job Title

Principal

Name Prefix

Mrs.

First Name

Elena

Last Name

Acosta

Email

elena.acosta@clint.net

Phone

9159264200

Principal

Principal 1

Name Prefix

Mrs.

First Name

Elena

Last Name

Acosta

Email

elena.acosta@clint.net

Phone

9159264200

Superintendent

Superintendent 1

Name Prefix

Dr.

First Name

Juan

Last Name

Martinez

Email

juan.martinez@clint.net

Phone

9159264000

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

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

CISCO Networking Certificate

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
AAS	University of Texas at El Paso	BAAS
AA	University of Texas at El Paso	BA/BS

Recruitment and Enrollment

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

We have included a parent meeting prior to the application process to provide an overview of the program. The rigor and demand of the program are explained, as well as the commitment required by both parents and students.

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

Strategic Partnerships: Business Partner

Business/Industry Partner 1

Affiliation/Company

Clint Independent School District

Job Title

Chief Technology Officer

Name Prefix

Mr.

First Name

Michael

Last Name

Tapia

Email

michael.tapia@clint.net

Phone

9159264000

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 Business/Industry partner will have the following responsibilities for the specified roles: Work site supervisor - Career day presenter, job shadowing, virtual field trips, on-site company visits Mentors - Career day presenter(s), job shadowing, virtual field trips, on-site company visits Teachers - Review/evaluate curriculum, mentoring/tutoring students, sponsor on-site company visits

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.

The Business/Industry partner will assist in promoting Cybersecurity Awareness month, intersession camps, Cybersecurity competitions, and support for students.

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 partner will provide access to in-person work-based learning facilities, pending COVID-related restrictions, as well as career day presentations, job shadowing, and virtual field trips.

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

The Business/Industry partner will not incur any transportation fees and costs due to location proximity and use of virtual visits.

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

El Paso Community College

Name Prefix

Ms.

First Name

Tonie

Last Name

Badillo

Email

mbadill4@epcc.edu

Phone

915-831-6755

Job Title

Dean of Dual Credit and Early College High Schools

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.

El Paso Community College has entered into a Memorandum of Understanding whereby El Paso Community College will work with Clint ISD, Horizon High School, to develop a four-year course of study plan (grades 9-12) that meets the requirements of an Associates Degree in Applied Science in Cybersecurity. Students will also be given the opportunity to earn a Level 1 certification. Both entities have created a crosswalk to provide a seamless transition for students from grade level to grade level, allow students to transition from high school classes to a gradual integration to college level classes during grades 9-12 and represent high levels of rigor, acceleration, and support.

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

El Paso Community College has entered a Memorandum of Understanding whereby El Paso Community College will ensure: College credit for each P-TECH student appears on the EPCC transcript as students complete each college course. Transcription of college credit is the responsibility of EPCC and transcription of high school credit is the responsibility of Horizon High School. Horizon High School determines how the college grades will be recorded in the high school transcript for GPA and ranking purposes. Horizon High School, through the P-TECH staff, will ensure that parents are aware and knowledgeable of this and other procedures regarding transcription of grades. The P-TECH Counselor, Academic Counselor and/or College and Career Facilitator 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 EPCC. All 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 PTECH students may gain access on the EPCC campus to the unrestricted internet access afforded other EPCC 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.

El Paso Community College has entered into a Memorandum of Understanding whereby Clint Independent School District will provide for such student transportation as may be required to and from the EPCC as required under State law, and for any P-TECH field trips, each pursuant to applicable Clint ISD rules and procedures. Either EPCC or Clint ISD shall have the right to terminate this agreement with or without cause at any time during the initial term upon written notice to the other party. In the event of termination during the initial term of this agreement, the effective date of termination shall be as of June 30, following the notice. It is the intent of the Parties that no termination shall be made during the middle of the school year which will disrupt the academic progress for the students of P-TECH, unless the Parties mutually agree. In the event of termination, the P-TECH will continue operation through the 11th grade cohort's scheduled graduation from the P-TECH. Services to enrolled 9th and 10th grade students may be continued through graduation of those cohorts by agreement.

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

El Paso Community College has entered into a Memorandum of Understanding whereby stating, in accordance with Applicable Law, Horizon High School will maintain student records pertaining to PTECH and provide EPCC 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 EPCC 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 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 FERPA. 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 EPCC transcript as students complete each college course. Transcription of college credit is the responsibility of EPCC and transcription of high school credit is the responsibility of Horizon High 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

Business Partner
 Clint School District

Narratives: Regional Workforce Alignment, Work-Based Learning

Work-Based Learning

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

9th Grade Activities

Guest speakers/presentations from IHEs (EPCC & UTEP) & TEA representative

Online interactive programs with industry leaders (Cyber Start)

Cybersecurity site visits (face-to-face & virtual)

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

10th Grade Activities

Guest speakers/presentations from IHEs (EPCC & UTEP) & TEA representative

Campus visit to explore campus network system

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

11th Grade Activities

District internship to assist technology specialist with Chromebooks

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

Network Security Architect

Security Software Developer

Ethical Hacker

Loss Prevention

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?

There are currently no challenges at this time in ensuring our academy has educators qualified to teach dual credit courses. However, the district provides opportunities for teachers to earn a Master's degree to continue increasing the number of on-campus dual credit instructors.

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
Summer Bridge Program	TSI prep and testing; AVID organizational strategies; Team building
Tutoring	Before and after-school provided by P-TECH teachers for intervention, remediation, and acceleration
Saturday Enrichment Camps	Four-hour sessions provided by P-TECH teachers
Tutoring	El Paso Community College offers lab time tutoring
Tutoring	El Paso Community College offers online tutoring
Common Teacher Planning	Review of student data to plan for lessons, remediation, and enrichment by P-TECH teachers
TSI Saturday Camp	Provide additional academic support for students who will have to retest

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
AVID	On-campus college readiness preparation program
Communities in School (CIS)	Non-profit organization based directly in the school providing students with mentors and community based resources.
Campus Counselors	On-campus personnel who provide social-emotional and academic support
College & Career Readiness Center	On-campus college advisement center to assist students with career opportunities, college options, and financial aid.

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

Horizon High School P-TECH Cybersecurity Academy plans on using 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 and summer bridge; hiring masterful quality teachers; preparing students for TSIA that have not met standards; advising on dual credit; and 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
Target Population	Target populations that mirror our campus' socio-economic population
Student Support	Provide academic and technical skills
Student Support	Retention of students through tutoring and enrichment opportunities

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.clintweb.net/Page/6398>