



PIONEER TECHNOLOGY (PTAA) GREENVILLE

P-TECH Renewal Application

2021-2022

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Background

District Affiliation

PIONEER TECHNOLOGY & ARTS ACADEMY

CD #: 057850

Region: 10

Mailing Address (Line 1): 3200 OATES DR

Mailing Address (Line 2):

City, State, Zip: MESQUITE, TX 75150

School Affiliation

PIONEER TECHNOLOGY (PTAA) GREENVILLE

CDC #: 057-850-002

Region:

Mailing Address (Line 1): 3200 OATES DR

Mailing Address (Line 2):

City, State, Zip: MESQUITE, TX 75150

Academy Information

What is the academy name?

Pioneer Technology (PTAA) Greenville Campus

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 in the 2021-2022 school year?

9
10
11
12

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

45

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

27

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

25

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

17

Contacts

Applicant

Applicant 1

Job Title

District PTECH Coordinator

Name Prefix

Ms.

First Name

Shannon

Last Name

Houston

Email

shouston@ptaaschool.org

Phone

210-360-0827

Principal

Principal 1

Name Prefix

Mrs.

First Name

Karen

Last Name

Wiggins

Email

kwiggins@ptaaschool.org

Phone

903-257-3920

Superintendent

Superintendent 1

Name Prefix

Mr.

First Name

Shubham

Last Name

Pandey

Email

shubham@ptaaschool.org

Phone

612-207-6438

Narratives

Current Designations at PIONEER TECHNOLOGY & ARTS ACADEMY:

- PIONEER TECHNOLOGY (PTAA) MESQUITE - P-TECH - 1819
- PIONEER TECHNOLOGY (PTAA) GREENVILLE - P-TECH - 1819
- PIONEER TECHNOLOGY (PTAA) FATE - P-TECH - 1819

Previous Planning Year Applications at PIONEER TECHNOLOGY & ARTS ACADEMY:

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 in 2021-2022.

Information Technology
STEM

Select the Program(s) of Study your academy plans to offer in 2021-2022.

Networking Systems

Select the Career Cluster(s) that your academy plans to offer in 2021-2022.

Engineering

Which of the following credential(s) does the academy plan to offer students in 2021-2022 school year?

AD
PSC
IC

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

Item

Electrical Engineering

Computer System Networking

Pre-Medicine

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

Item

CIT Networking Support

What industry certifications does the academy plan to offer?

Item

Cisco Certified Entry Networking Technician (CCENT)

Microsoft Technology Associate (MTA) Introduction to Programming Using Java

Microsoft Technology Associate (MTA) Database Administration Fundamentals

C++ Certified Associate Programmer (CPA)

Microsoft Technology Associate (MTA) Introduction to Programming Using Python

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
AS Electrial Engineering	TAMUC	Bachelor of Science Electrical Engineering
AAS Networking	TAMUC	B.S.C.I.S. in Computer Information Systems

Recruitment and Enrollment

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

PTAA will continue to use established plans for recruitment and enrollment including hosting Community Campus Open Houses in connection with PTAA STEM Fair, with an understanding that pandemic safeguards will be taken into account and PTAA will follow County and State Guidelines for COVID Safety. PTAA will continue to send informative 2 sided color Marketing Cards out to the surrounding community. PTAA also extensively uses social media as a virtual platform for information sessions both recorded and Facebook Live format. These sessions run approximately 30-45 minutes and cover a comprehensive overview of PTAA/Greenville including the PTECH program for recruitment. PTAA budgeted marketing funds are used to boost targeted Facebook viewers .

PTAA/Greenville will also be transitioning to a new IHE Partnership with Paris Junior College beginning summer 2021. As part of the Articulation Agreement, PTAA and Paris Junior college will partner on a dual credit marketing campaign which will include Paris Junior College providing informational sessions for students and parents on dual credit opportunities, benefits and process at a time coordinated with Pioneer Technology & Arts Academy.

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

Strategic Partnerships: Business Partner

Business/Industry Partner 1

Affiliation/Company

Sharp USA

Job Title

Sharp General Manager, Texas

Name Prefix

Mr.

First Name

Jason

Last Name

Hooks

Email

jason.hooks@sharpusa.com

Phone

972-655-6372

Business/Industry Partner 2

Affiliation/Company

Harditech

Job Title

CEO

Name Prefix

Mr.

First Name

Koffi

Last Name

Avekoe

Email

jp@hardiglobal.com

Phone

469-931-3598

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.

SHARP USA: PTAA and Sharp USA have recently finalized the PTECH MOU that defines the roles and responsibilities of a strong partnership between Sharp USA and PTAA providing a detailed plan for program oversight and advisory and to provide work-based learning experiences for students appropriate to each grade level, such as facility visits, guest speakers, presentations, career information, job shadowing, internships and externships. Sharp USA has appointed Greg Farmer as partner liaison with decision making authority to interact directly and frequently (in person or virtually) with PTECH leadership team including, PTECH Coordinator, Shannon Houston, Principal Karen Wiggins, Counselor Kim White, teachers, support personnel and other partners. Mr. Farmer will also meet virtually with Superintendent Shubham Pandey and Shannon Houston on a quarterly basis to review partnership status and needs. Mr. Farmer will regularly attend Leadership meetings and will have the opportunity to present training and introduce new technologies that would benefit the program.

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.

Sharp USA has agreed through MOU to support student activities; PTAA Community Events such as Career Week or College and Career Night providing career information and representing Sharp USA's mission of solving business challenges with innovative technology solutions; PTECH Information Sessions to provide information on a unique certified program with Sharp for PTAA students. Sharp has graciously gifted equipment to be used on PTAA campuses for student learning experiences.

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.

Sharp USA will be offering work based learning opportunities in a variety of ways including student access to PTAA onsite equipment that will be used as a "Sharp Learning Lab" for interested students within the Networking Pathway. Sharp Industry professionals will also provide job shadowing both at the PTAA Campus, virtually and at the Sharp facility when this is able to done in a safe way due to the pandemic safety precautions in place. Sharp is working with PTAA Leadership team in developing a unique opportunity for students to earn Sharp Certifications (Bronze, Silver and Gold Levels), be mentored in critical industry/business soft skills and to prepare qualified students for internships and provide first priority interviews for employment for which said students are qualified for and that are available on completion of the program.

Describe how the Business/Industry articulation agreement addresses the following

Business/Industry Blueprint Requirements: Transportation fees and costs.

The MOU between Sharp USA and PTAA states that Sharp USA will not be required to cover transportation costs and fees for students, this will be provided by PTAA.

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

Paris Junior College

Name Prefix

Dr.

First Name

Pam

Last Name

Anglin

Email

panglin@parisjc.edu

Phone

903-782-0203

Job Title

President, Paris Junior College

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.

PTAA is currently transitioning from IHE partnership and Articulation Agreement with Dallas College (DCCCD, Richland College) to Paris Junior College (PJC). The Articulation Agreement with DCCCD will expire on August 7, 2021 and will seamlessly transfer to Paris Junior College. Pioneer Technology & Arts Academy, Dallas College and Paris Junior College are working together to make this a smooth process for all transferring of records and offering student and parent support. PTAA Administration and Leadership Team and PJC Faculty alliance are collaborating to provide curriculum alignment and courses of study and to ensure that the rigor, academic requirements and standards applicable to the

courses being offered are maintained and applied to meet or exceed all accrediting and regulatory requirements. Students on the 3 PTAA/PJC pathways (AS Electrical Engineering, AAS Networking and AS Allied Health) will be receiving credit for HS and college for the courses listed. Students will be satisfying required courses for High School graduation as they work towards an Associate degree. Courses taken at the college level that are not requirements for High School graduation will satisfy the electives. Several of the courses are the advance science or math courses that are needed for the STEM endorsement.

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

Paris Junior College (PJC) will work in partnership with Pioneer Technology & Arts Academy to 1) advise students on the transferability of all college credits offered and earned; 2) ensure the IHE transcripts college credit earned through dual credit during same semester that credit is earned; 3) advising students as to the transferability and applicability to baccalaureate degree plans for college credits earned allowing students to progress from an associate degree to a bachelor's degree and beyond in their chosen field. PTAA students will have access to the PJC facilities, services and resources. Courses will be held both on the PJC Greenville campus as well as on PTAA Campus and virtually. PJC and PTAA will provide college orientation sessions which will provide pertinent information regarding all of the above. PTAA supports students in their course of study by developing personalized student plans, providing tutoring, and will assign faculty members to act as mentors for more personalized student support. PTAA will establish extra measures for student support, like faculty mentorship as a Goal for 2021-22 to aid our students in struggles and learning loss due to this past year's educational hardships and disruption due to the COVID pandemic.

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.

Physical distance between PTAA and Richland College, being nearly 50 miles, was the leading factor and need for dissolution of IHE partnership with PTAA/Greenville. Paris Junior College has a campus location in Greenville, Texas located just 4.4 miles from the PTAA Campus. PTAA will be responsible for providing all transportation, costs and fees for all students attending courses on the IHE campus. In combination with PTAA's buses, we work with the PTO and families to develop a ride/share program that has proved successful in past years.

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

Paris Junior College and PTAA may share information regarding students in accordance with the Family Education Rights and Privacy Act (FERPA), 34 CFR Section 99.34(b) and as set forth in duly executed

data sharing agreement between the parties. Teacher data including qualifications, student level data and credit hours taken and earned, GPA and formative data to access student college readiness is all available under the data share agreement. The IHE will award credit for courses that are approved under the Dual Credit Course Articulation Agreements and is solely responsible for properly documenting all information on the course matrix. High school as well as college credit shall be transcribed immediately upon the student's completion of the performance required in the course.

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

Sharp USA

Harditech

Narratives: Regional Workforce Alignment, Work-Based Learning

Work-Based Learning

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

9th Grade Activities

College Vine Panel College Fair

Virtual College registration workshop

Virtual TSI and PSAT Testing

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

10th Grade Activities

Christus Health Job Shadowing Opportunity
10th Grade Activities

Work Site Visit The Henry Group

Resume Writing Workshop, Facilitated by Industry Partners including Microsoft TEALS Volunteer Teachers and The Henry Group

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

11th Grade Activities

Harditech Job Shadowing on PTAA Campus

Open PTECH- to earn IBM Badges including Professional Skills, as well as courses in AI and Cybersecurity - Self Paced courses

Sharp USA work site visit, job shadowing, Sharp Certification program

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

12th Grade Activities

Open PTECH IBM Learning Platform. All PTAA students are rostered and are able to earn IBM badges in Professional Skills, Cybersecurity, AI and many other offerings within the tech industry space.

College Visit, TAMUC (in person or virtual dependent on COVID pandemic safety measures in place)

Harditech, The Henry Group, and Sharp USA Competitive Internships. PTAA has also been offered competitive Internships by IBM and HCL Technologies. Due to COVID pandemic these Internships have moved to virtual but may be offered in person when safety precautions allow.

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

Computer Network Support Specialists

Electrical Engineers

Narratives: Advanced Academics

Advanced Academics

Select the type of advanced courses (dual credit/AP/IB) your campus plans to offer students in 2021-2022.

DC
AP

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

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?

PTAA/Greenville has "home grown" 3 IHE vetted educators with qualifications to teach dual credit courses. Each year, we survey faculty to offer the opportunity to go through the vetting process with our IHE partner in order to teach dual credit courses. Both Dallas College and Paris Junior College have partnered with PTAA Leadership to promote "home grown" dual credit teacher qualifications including offering a stipend for dual credit courses taught. PTAA actively recruits teachers with higher education degrees which also allows the pool for possible dual credit teachers to increase. PTAA/Greenville has also partnered with other PTAA Campuses in sharing dual credit teachers within the PTAA Charter District.

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
Faculty PTECH	Each PTECH student to be assigned a faculty mentor at the beginning of 9th

Mentor Activity Assignment	Description
	grade, through completion that will follow student progress through Pathway, developing a close working relationship and safe place for students for advise, sharing concerns and consistent support system.
Individual College/Career Planning Conference	Students and Parents have individual conferences with Advising Counselor and Administrator for progress monitoring
College Crew Shout Out	College Crew Shout Out email blasts to families and school community bragging about their students success.
College Facilitator Support	College Facilitator providing support on how to be a self advocate and time management.
Individual Student Plans	College and career focused student plans with specific graduation plan for ongoing academic support
AVID	AVID – advisory and college readiness and support time
Summer Bridge - College Prep Camp	Summer Bridge to prepare student for their college experience

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
Connections to Social Services	Counseling and Administration provides assistance to identified families in need of connecting to social services.
Parent Outreach	PTAA/Greenville has strong parent involvement beginning with an active PTO. PTAA also has several campus events including STEM Fair, and Parent and Family members that come and share Professional experience through class visits and virtual platform.
Open PTECH provided by IBM (PTECH.org)	Open P-TECH is a new digital learning experience that offers students and teachers access to cutting-edge technical and professional skills. All PTAA PTECH students are rostered into the platform, having access to courses including opportunity to earn IBM Professional Badges, Professional Skill building, technical skills in AI and Cybersecurity and more. Open PTECH is an iterative platform, with new course offerings added often.
Job Shadowing - Christus Health	Job Shadowing with Christus Health for Allied Health Pathway

Job
Activity
ShadowingJob Shadowing with Hardi Global - computer science and engineering
Description-
Hardiglobal**How does your academy use the access, achievement, and attainment data for program improvement?**

PTAA/Greenville has developed a OBM Tracking spreadsheet to collect data for each cohort to collect Access, Achievement and Attainment data and uses several processes to monitor student and PTECH program progress in collaboration with the PTECH Leadership Team and our IHE that include: -Degree Audits: review of credits, academic transcripts and course status -Degree Works: describing the percentage of completion for students -Data Sharing between PTAA/IHE on student progress - Enrollment Reports (subpopulations through PEIMS indicators) -Student Progress Report Review for progress -Teacher/Professor/Counselor communication and input via email on course grade status - One on one advising by PTAA Counselor -Teacher/Student Studies with Administrator and Counselor for a more individualized approach regarding student data and progress and identifying intervention and remediation needs -Interventions such as set Tutoring Schedules, Saturday School, TSI prep and support and mentoring. Tracking Outcome Based Measures in access, achievement and attainment drives the success of our program and allows a clear picture of our strengths and weaknesses and what requires greater focus. Though the data tools in place are always important to guide a successful PTAA PTECH program, it is invaluable during this unprecedented time during the COVID pandemic to help guide student success and program shortfalls.

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 6: Student Support	Implement the Faculty Mentoring Program, assigning faculty to students within a Pathway. Faculty Mentors will follow their students from 9th grade through completion of program.
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Benchmark 5: Work Based Learning	Students and Parents will be introduced through both Communication avenues (emails, REMIND, Social Media) and PTECH Information Meetings of Job Shadowing and Internship opportunities that will be available to our students from Sharp USA, Hardiglobal, Christus Health, Henry Group and IBM. Internship opportunities will be offered both in person and virtually, following safety standards due to COVID pandemic.
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Benchmark
1: School

Smooth transition to new IHE from Dallas College/Richland to Paris Junior College,
Greenville Campus.

Design

Narratives: Benchmark 1 Products,
Benchmark 2 Products, Benchmark 3
Products, Benchmark 4 Products,
Benchmark 5 Products, Benchmark 6
Products, Benchmark Products

Benchmark Products

Benchmark 1 Products

Provide a link to the academy's mentor/induction program plans.

<https://sites.google.com/view/ptaa-greenville-benchmark1/benchmark-1>

Provide a link to the academy's annual training or professional development plan with the academy and IHE faculty

<https://sites.google.com/view/ptaa-greenville-benchmark1/benchmark-1>

Provide a link to the academy's leadership meeting agendas and notes.

<https://sites.google.com/view/ptaa-greenville-benchmark1/benchmark-1>

Benchmark 2 Products

Provide a link to the academy's written admission policy and enrollment application

<https://sites.google.com/view/ptaa-greenville-benchmark2/benchmark-2>

Provide a link to the academy's written recruitment plan including a timeline of recruitment and enrollment events, and recruitment materials for distribution at feeder schools and other appropriate locations in the community.

<https://sites.google.com/view/ptaa-greenville-benchmark2/benchmark-2>

Provide a link to the academy's brochures and marketing in Spanish, English, and/or other relevant languages.

<https://sites.google.com/view/ptaa-greenville-benchmark2/benchmark-2>

Provide a link to the academy's written recruitment plan including a timeline of recruitment and enrollment events, and recruitment materials for distribution at feeder schools and other appropriate locations in the community.

<https://sites.google.com/view/ptaa-greenville-benchmark2/benchmark-2>

Benchmark 3 Products

Provide a link to the academy's meeting agendas and minutes, with action items and decision logs.

<https://sites.google.com/view/ptaa-greenville-benchmark3/benchmark-3>

Provide a link to the academy's final, signed, and executed MOU with their industry partner/business.

<https://sites.google.com/view/ptaa-greenville-benchmark3/benchmark-3>

Provide a link to the academy's final, signed, and executed MOU with their IHE

<https://sites.google.com/view/ptaa-greenville-benchmark3/benchmark-3>

Provide a link to the academy's list of strategic partners with each member's organization, title and role in providing work-based learning for students by grade level.

<https://sites.google.com/view/ptaa-greenville-benchmark3/benchmark-3>

Benchmark 4 Products

Provide a link to the academy's four-year crosswalk document

<https://sites.google.com/view/ptaa-greenville-benchmark4/benchmark-4>

Provide a link to the academy's master schedule.

<https://sites.google.com/view/ptaa-greenville-benchmark4/benchmark-4>

Provide a link to the academy's curriculum alignment documents.

<https://sites.google.com/view/ptaa-greenville-benchmark4/benchmark-4>

Provide a link to the academy's testing calendar and schedule for TSI, ACT, SAT or other assessments.

<https://sites.google.com/view/ptaa-greenville-benchmark4/benchmark-4>

Provide a link to the academy's documentation detailing a minimum of three course of study examples that outline student pathways from high school, to associate degrees, to work credential and beyond.

<https://sites.google.com/view/ptaa-greenville-benchmark4/benchmark-4>

Benchmark 5 Products

Provide a link to the academy's documentation of appropriate work-based learning experiences for students at all grade levels.

<https://sites.google.com/view/ptaa-greenville-benchmark5/benchmark-5>

Provide a link to the academy's current dated regional high demand occupation list.

<https://sites.google.com/view/ptaa-greenville-benchmark5/benchmark-5>

Provide a link to the academy's aggregate data describing student participation in work-based learning experiences as well as percentage of students earning industry certification and credentials by type.

<https://sites.google.com/view/ptaa-greenville-benchmark5/benchmark-5>

Provide a link to the academy's samples of student artifacts such as writing, portfolios, presentations, or links to digital content.

<https://sites.google.com/view/ptaa-greenville-benchmark5/benchmark-5>

Benchmark 6 Products

Provide a link to the academy's bridge program calendar and curricula.

<https://sites.google.com/view/ptaa-greenville-benchmark6/benchmark-6>

Provide a link the academy's tutoring and other intervention/remediation program schedules,

<https://sites.google.com/view/ptaa-greenville-benchmark6/benchmark-6>

Provide a link to the academy's calendar of family outreach events.

<https://sites.google.com/view/ptaa-greenville-benchmark6/benchmark-6>
