



# PIONEER TECHNOLOGY (PTAA) GREENVILLE

P-TECH Renewal Application

2023-2024

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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

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## 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

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## 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?**

9  
10  
11  
12

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

50

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

45

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

27

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

25

# Contacts

## Applicant

### Applicant 1

#### Job Title

District PTECH Coordinator

#### Name Prefix

Dr.

#### First Name

Derrick

#### Last Name

Love

#### Email

dlove@ptaaschool.org

#### Phone

469-405-8967

## Principal

### Principal 1

#### Name Prefix

Mrs.

#### First Name

Naomi

#### Last Name

Estrada

#### Email

nestrada@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

## 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.

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# Narratives: Degrees and Credentials, Recruitment and Enrollment

## Degrees and Credentials

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

Information Technology  
STEM

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

Networking Systems

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

Engineering

**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

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 the PTAA STEM Fair. PTAA will continue to send out informative, 2 sided color Marketing cards to the surrounding community. PTAA also extensively uses social media as a virtual platform for information sessions, both in 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 has transitioned into a new IHE Partnership with Paris Junior College which begun in summer 2021. As part of the Articulation Agreement, PTAA and Paris Junior College will partner on a dual credit marketing campaign that will include Paris Junior College providing informational sessions for students and parents on dual credit opportunities, benefits, and processes 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

Harditech Global

#### Job Title

CEO

#### Name Prefix

Mr.

#### First Name

Jean-Paul

#### 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.**

HardiTech: PTAA and HardiTech have recently finalized the PTECH MOU that defines the roles and responsibilities of a strong partnership between HardiTech 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. HardiTech will be in charge of decision making and interact directly and frequently with the PTECH leadership team, including, PTECH Coordinator, Derrick Love, Principal Naomi Estrada, Counselor, teachers, support personnel, and other partners. HardiTech will also meet with Superintendent Shubham Pandey and Dr. Love on a monthly basis to review partnership status and needs. HardiTech 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 as clubs, Career and Technical Student Organizations, competitions, and special invitations.**

Harditech Global 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 Harditech's mission of solving business challenges with innovative technology solutions, and PTECH information sessions to provide information on a unique certified program with Harditech for PTAA students. Harditech 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.**

Harditech Global 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 "Harditech Learning Lab" for interested students within the Networking Pathway. Harditech Industry professionals will also provide job shadowing both at the PTAA campus, virtually, and at the Harditech facility when this is able to be done in a safe way due to the pandemic safety precautions in place. Harditech is collaborating with the PTAA Leadership Team to create a one-of-a-kind opportunity for students to earn certifications, be mentored in critical industry and business soft skills, prepare for internships, and receive first priority interviews for jobs that they are qualified for and are available upon program completion.

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

The MOU between Harditech Global and PTAA states that Harditech Global 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

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**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 the IHE partnership and Articulation Agreement with Dallas College (DCCCD, Richland College) to Paris Junior College (PJC). The Articulation Agreement with DCCCD has expired on August 7, 2021, and students have seamlessly transferred to Paris Junior College. Pioneer Technology & Arts Academy, Dallas College, and Paris Junior College which have worked together to make this a smooth process for transferring records and offering student and parent support. The PTAA Administration and Leadership Team and the 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 receive college and high school credit for the courses listed. Students will be satisfying required courses for high school graduation as they work towards an associate's degree. Courses taken at the college level that are not requirements for high school graduation will satisfy the electives. Several of the courses are advanced science or math courses that are needed for the STEM endorsement.

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**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 include college credit earned through dual credit during the same semester that credit is earned; and 3) advise 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's facilities, services, and resources. Courses will be held on the PJC Greenville campus. PJC and PTAA will provide college orientation sessions that 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 assigning faculty members to act as mentors for more personalized student support. As a goal for 2022-23, PTAA will keep working to establish continuous measures for student support, such as faculty mentorship, to further assist our students.

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**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.**

The nearly 50-mile physical distance between PTAA and Richland College was the driving factor in the dissolution of the 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 at the IHE campus. In combination with PTAA's buses, we work with the PTO and families to develop a ride-and-share program that has proved successful in past years.

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**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 a duly executed PIONEER TECHNOLOGY (PTAA) GREENVILLE // P-TECH // Renewal // shouston@ptaaschool.org data sharing agreement between the parties. Teacher data, including qualifications, student level data, credit hours taken and earned, GPA, and formative data to assess student college readiness are all available under the data sharing 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.

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## 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**

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HardiTech Global

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# 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

College registration workshop

TSI and PSAT Testing

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

### 10th Grade Activities

Christus Health Job Shadowing Opportunity

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

**12th Grade Activities**

Henry Group Competitive Internships. PTAA has also been offered competitive Internships by IBM and HCL Technologies.

## 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.

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 "homegrown" three IHE-vetted educators with the qualifications to teach dual credit courses. Each year, we survey faculty to offer opportunities 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 "homegrown" 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 of 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 Assignment	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	Summer Bridge to prepare student for their college experience
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 Shadowing - Hardiglobal	Job Shadowing with Hardi Global - computer science and engineering

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

PTAA/Greenville has developed an 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. These processes 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- One on one advising by the PTAA Counselor; Teacher/Student studies with the administrator and counselor for a more personalized approach to student data and progress, as well as identifying intervention and remediation needs. Interventions such as tutoring schedules, Saturday school, TSI prep, and receiving support and mentoring are examples of interventions. Interventions such as tutoring schedules, Saturday school, TSI prep, and receiving support and mentoring are examples of interventions. 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.

# 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.
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.
Benchmark 1: School Design	Smooth transition to new IHE from Dallas College/Richland to Paris Junior College, Greenville Campus.

# 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.ptaaschool.org/home/cms/PTECH>