



SOUTH HILLS H S
P-TECH Planning Application
2020-2021

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Background

District Affiliation

FORT WORTH ISD

CD #: 220905

Region: 11

Mailing Address (Line 1): 100 N UNIVERSITY DR

Mailing Address (Line 2):

City, State, Zip: FORT WORTH, TX 76107

School Affiliation

SOUTH HILLS H S

CDC #: 220-905-003

Region:

Mailing Address (Line 1): 6101 MCCART

Mailing Address (Line 2):

City, State, Zip: FORT WORTH, TX 76133

Academy Information

What is the academy name?

PTECH Academy at South Hills 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.

Do you plan to be a 4, 5 or 6 year academy?

4

Campuses participate in the Planning Year during the 2020-2021 school year and begin serving students under the P-TECH model during the 2021-2022 school year. What grade level(s) does your academy plan to serve in the 2021-2022 school year?

9

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

50

Contacts

Applicant

Applicant 1

Job Title

Executive Director of Choice and Enrichment Programming

Name Prefix

Mrs.

First Name

Lisa

Last Name

Castillo

Email

lisa.castillo@fwisd.org

Phone

817-814-1500

Principal

Principal 1

Name Prefix

Mr.

First Name

Rodrigo

Last Name

Durbin

Email

rodrigo.durbin@fwisd.org

Phone

817-814-7000

Superintendent

Superintendent 1

Name Prefix

Dr.

First Name

Kent

Last Name

Scribner

Email

kent.scribner@fwisd.org

Phone

817-814-2000

IHE

The P-TECH/ICIA academy 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

Tarrant County College

Name Prefix

Mr.

First Name

Ismael (Richard)

Last Name

Vela

Email

ismael.vela@fwisd.org

Phone

817-515-5033

Job Title

Director of College Readiness and Dual Credit Operations

Does the campus have an established partnership with an IHE partner?

Yes

Business/Industry Partner

Does the campus have an established partnership with a business/industry partner?

Yes

Business Partner 1

Affiliation/Company

Fort Worth ISD

Job Title

Chief of District Operations

Name Prefix

Mr.

First Name

Art

Last Name

Cavazos

Email

art.cavazos@fwisd.org

Phone

817-814-2650

Narratives

Current Designations at FORT WORTH ISD:

- DUNBAR H S - ECHS - 1718
- DUNBAR H S - P-TECH - 1920
- EASTERN HILLS H S - P-TECH - 1920
- NORTH SIDE H S - P-TECH - 1920
- POLYTECHNIC H S - P-TECH - 1920
- TRIMBLE TECHNICAL H S - P-TECH - 1920
- SOUTHWEST H S - ECHS - 1920
- O D WYATT H S - ECHS - 1819
- TEXAS ACADEMY OF BIOMEDICAL - ECHS - 1213
- MARINE CREEK COLLEGIATE H S - ECHS - 1011
- TARRANT CO COLLEGE SOUTH/FORT WORTH COLLEGIATE H S - P-TECH - 1819

Previous Planning Year Applications at FORT WORTH ISD:

- WESTERN HILLS H S - P-TECH/ICIA - Planning
- - P-TECH/ICIA - Planning
- Fort Worth ISD Collegiate Academy - ECHS - Planning
- FWISD PTECH ACADEMY - P-TECH/ICIA - Planning
- FWISD Information Technology PTECH Academy - P-TECH/ICIA - Planning
- FWISD Education And Training PTECH Academy - P-TECH/ICIA - Planning
- FWISD Health Science PTECH Academy - P-TECH/ICIA - Planning
- FWISD Construction And Manufacturing P-TECH Academy - P-TECH/ICIA - Planning

CCRSM Network Affiliation

Confirm your district's current designations.

1

Confirm your district's previous Planning Year applications.

1

Describe how your campus made the decision to apply for a Planning Year. Include the stakeholders that were involved in the decision process.

South Hill High School's planning year application was created to fill a workforce need and student interest in the opportunity to pursue greater educational opportunities within the High School years. Principal Durbin, local industry partners, local higher education partners, students, and their families see the need and merit in increasing our offerings and opportunities at South Hills High School to enhance the current path that leads directly to high wage, high demand career opportunities. In collaboration with the FWISD Office of Innovation, including Career and Technical Education, Choice and Enrichment, Collegiate Programming and Advisement, South Hills High School understands and embraces the level of commitment needed to plan and implement a CCR School Model initiative and have the full support of the district team to meet the needs of the students within the PTECH parameters.

Narratives: Student Support

Student Support

The P-TECH/ICIA academy will provide wrap-around strategies and services involving multiple stakeholders (parents, teachers, counselors, community members, etc.) to strengthen both the academic, technical, and individual support for students for students to be successful in rigorous academic and work-based learning experiences. Describe how the campus plans to provide students with academic support.

Fort Worth ISD partners with the Fort Worth Chamber of Commerce, Tarrant County College, and local industry partners to provide a robust community-building experience through education and relationship building. The work-based learning experience, paired with a well developed mentoring process for both educators and students will increase connectivity, create a culture of togetherness, and develop a strong communication system to enhance our community. By combining our Higher Education Partner, Industry Partner, and ISD, we will educate and support stakeholders in building workforce readiness skills.

Describe how the campus plans to provide students with wrap-around services. Examples include connections to social services, parent outreach and involvement opportunities, structured program of community services, and skill building instruction for students.

The campus focuses on the successes and struggles students face as they transition from middle school to high school and then throughout their high school career, taking both high school and college level courses. FWISD utilizes a daily advisory period for teachers to visit individually with a set group of assigned students. Through this method, most academic and social/emotional difficulties are discovered early on and solutions are determined. Should students require academic assistance, FWISD partners with TCC and the Student Development Services department to increase dual-credit course success, e.g. Writing Center, Math Lab, Library, and Student Services. If the course is a high-school course, students have the opportunity to meet with the instructor to receive additional support and assistance. Every student placed in a work-based site will have a detailed training plan created by a teacher/advisor and signed by the student, parent, teacher, and employer. The teacher of record will regularly visit work-based sites to ensure that student needs are being met by the placement. All students in work-based learning courses will have regular contact with the teacher in the classroom setting throughout the year. FWISD and TCC will design and implement a referral mechanism for teachers to use for students that require more intensive support and interventions. FWISD will partner with TCC and their Student Development Services department to increase FWISD dual-credit course success, including additional support for underrepresented students. Additionally, South Hills has a College & Career Readiness Coach (CCR).

Narratives: Advanced Academics, TSIA

TSIA

Is the campus planning on becoming a TSIA testing site?

Yes

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?

WECM

AGCM

Do you anticipate having teachers qualified to teach dual credit courses in English, Math, and in other subject during the 2021-2022 school year?

I anticipate I will have teachers that are qualified to teach dual credit courses in English

Somewhat agree

I anticipate I will have teachers that are qualified to teach dual credit courses in Math

Somewhat agree

I anticipate I will have teachers that are qualified to teach dual credit courses in other subjects

Strongly agree

List the policies and practices your academy will implement to expand and retain teachers that are qualified to teach dual credit.

Through its hiring practices, South Hills has minimized staff turnover and reached high retention rates. The campus will seek to hire instructors with a Master's degree or higher, and who have experience teaching advanced academic coursework, specifically at the college level. Additionally, PTECH

instructors will be recruited for their Career and Technical or industry experience if a master's degree is not the best reflection of skills required. Additional staff support is provided at professional development three times a year. The opportunities for teachers to participate in industry-based externships will also be available. PLCs for grade-level teams during and content PLCs. South Hills works weekly to empower its teachers and staff members to ensure that student needs come first and that the focus is on them during the instructional day.

Narratives: Work-Based Learning

Work-Based Learning

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

9th Grade Activities

Industry Safety Seminar

Industry Site Visits

Equipment Introduction and Exploration

The P-TECH/ICIA requires that academies offer work-based learning at every grade level. Work-based learning may include, but is not limited to: facility visits, guest speakers, presentations, career information, career fairs, informational interviewing, job shadowing, internships, mentorships, and apprenticeships.

Narratives: Regional Workforce Alignment

Regional Workforce Alignment

The P-TECH/ICIA shall collaborate with the local workforce development board, local chamber of commerce, and local workforce industry representatives to define local workforce needs. Have you worked with a regional workforce board or other relevant organization to establish regional workforce needs that the P-TECH/ICIA could serve?

Yes

List the regional high demand occupations your campus would propose to align with program offerings.

Interlink, a regional nonprofit alliance bridging the gap between business, education, and government, reports the high demand occupations and future trends. Within the Information Technology sector, one of the fifteen industry trends is personalization, which translates to the ability to tailor the user experience based on knowledge, preferences, and behavior of the consumer. Additionally, the report lists socially-enabled enterprise as an emerging area of the industry; it focuses on enterprise-level support and continual enhancement through the skills of predictive modeling, graphical user interface, and gamification. The PTECH Academy at South Hills is focused on providing the best user experience in gaming, web technology, and computer services. The future trends align with the PTECH focus. Interlink also reports the high demand occupations, identified by North Central Texas Employers. The list includes: Software Developers in Applications and Systems Software, earning \$52,68 and \$51.86, respectively, at an hourly rate. Additionally, Video Game Designers earn \$44.35 for an hourly rate. As part of the emerging and evolving occupations, North Central Texas Employers identified Virtual Reality Engineers/Specialists/Technicians as an occupation tied to future opportunities. Workforce Solutions for Tarrant County has created a list with expected growth over the next four years. The Computer User Support Specialists occupation is expecting an 11% growth for a median annual wage of \$47,024. Additionally, Software Developers for both Applications and Systems Software are seeing growth and aligned with an annual median wage of \$106,255 and \$115,175, respectively.

Describe how the regional high demand occupations align with the associate degree(s) and/or industry certification(s) your academy plans to offer.

Item

There is consistently strong growth in Tarrant County, in the Information Technology sector. Between 2016 and 2026, the Texas Workforce Commission estimates the need for Information Security Analysts will grow 19%, the need for Web Developers will grow by 21%, and the need for Database Administrators will grow by 26%. The PTECH Academy at South Hills High School will meet these regional needs by producing students prepared for careers in Computer Maintenance, Programming, Web Applications Programming, and Game, Simulation & Animation Design. Students have the ability to earn an Associate of Arts or Applied Science and one of the certifications.

Narratives: Degrees and Credentials

Degrees and Credentials

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

Information Technology

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

Information Technology Support and Services
Programming and Software Development

Select the endorsements that your academy plans to offer in 2021-2022.

Business and Industry
Multi-Disciplinary Studies

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

AD
PSC
IC

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

Item

Digital Media Technology-- Digital Media Certificate

Computer Information Technology

Computer Programming

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

Item

Computer Programming

Digital Media

Computer and Informational Sciences

What industry certifications does the academy plan to offer?

Item

Adobe Certified Associate (ACA) - Animate (Multiplatform Animations using Adobe Animate CC)

Adobe Certified Associate (ACA) - After Effects

Microsoft Technology Associate (MTA) Introduction to Programming Using Java

Microsoft Technology Associate (MTA) Introduction to Programming Using Python

CompTIA IT Fundamentals+

CompTIA A+ Certification

Narratives: Recruitment and Enrollment, Leadership Team

Leadership Team

The P-TECH/ICIA academy shall establish a leadership team that includes high-level personnel from the school district, campus, industry/business partners, and IHE with decision-making authority who meet regularly and report to each organization.

Does the campus currently have a leadership team?

Yes

Identify the individuals and their job titles who currently serve on this school's leadership team. Individuals should have decision-making authority for the school, IHE, or business partner they represent. Applicants may enter up to eight individuals. Applicants are encouraged to list one Leadership Team member per organization

Name	Title	Organization
Rodrigo Durbin	Principal	FWISD
Shannon Ydoyaga	Vice President of Academic Affairs	TCCD
Lisa Castillo	Executive Director Choice and Enrichment	FWISD
Art Cavazos	Chief of District Operations	FWISD
Cinda Andrews	College and Career Readiness Coordinator	FWISD

Provide a timeline for leaderships meetings over the 2020-2021 planning year. Include topics that will be discussed.

Date	Topics to be discussed
December 2019	Planning School Concept and Expectations
January 2020	Preliminary Meetings with Additional Industry Partners
February 2020	Planning Year Systems Development and Onboarding of School Leader

Date	Topics to be discussed
March 2020	Meeting planning session
April 2020	Assist Advisory Board with the Development of Work Groups
May 2020	Prepare End of Year Professional Development
June 2020	Support and monitor work team progress
July 2020	Finalize Professional development to onboard new and returning faculty and staff with PTECH
August 2020	Assist with Targeted recruiting plan
September 2020	Assist with the development of curriculum and address concerns
October 2020	Assist with the Dual Credit Articulation Process
November 2020	Prepare Designation Application and continue to address barriers

Recruitment and Enrollment

The P-TECH/ICIA shall be open enrollment for all students. Recruitment and enrollment processes shall identify, recruit, and enroll subpopulations of at-risk students (as defined by PEIMS), including, but not limited to, students who are of limited English proficiency, students with disabilities, or students who have failed a state administered assessment. Enrollment decisions shall not be based on state assessment scores, discipline history, teacher recommendation, parent or student essays, minimum grade point average (GPA), or other criteria that create barriers for student enrollment.

Describe plans to establish a recruitment and enrollment process that will meet open enrollment requirements.

Admission is based on a computer-generated selection process. Parents and students are notified in February of the year prior to enrollment. Students are given the following weighted ranking order during the lottery process as determined through Board Policy: Gold Seal Programs of Choice • Students living in the school's attendance zone • Siblings of resident students who are concurrently enrolled in the school's Program of Choice • Children of resident District employees • Students living in the District but outside the attendance zone • Children of non-resident District employees • Students living outside of the District The lottery system will be a weighted lottery to meet the needs of the Texas Education agency PTECH/ECHS Blueprint Outcome-Based Measure's. The process will include recruitment through the Tarrant County College (TCC) TexPrep and GenHope programs, as well as middle school career cruising reports for students who are interested in the energy technology fields. We will continue our POC marketing program with mini-expos and the district expo. **TIMELINE:** September: Counselor & AVID Coordinator Training; October: Middle School Mini Expos & Tours, AT

RISK MS AVID & CTE Class Visits, Targeted Breakthrough Event; November: Info Night, District EXPOs, Begin Application Process, Community Outreach & Neighborhood Open House; December: Lottery for Applicants Begins; February: Notification of Selections, Acceptance Confirmation Begins, Summer Bridge Notifications, 2nd Choice Applicants and Waiting List Processing Begins, TCC Enrollment; June: Summer Bridge Program; August: New Cohort Complete.
