



ELGIN H S
P-TECH Renewal Application
2019-2020

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Background

District Affiliation

ELGIN ISD

CD #: 011902

Region: 13

Mailing Address (Line 1): P O BOX 351

Mailing Address (Line 2):

City, State, Zip: ELGIN, TX 78621

School Affiliation

ELGIN H S

CDC #: 011-902-001

Region:

Mailing Address (Line 1): 14000 COUNTY LINE RD

Mailing Address (Line 2):

City, State, Zip: ELGIN, TX 78621

Academy Information

P-TECH Academy Name:

ELGIN H S

Are you seeking designation for P-TECH, ICIA, or both?

P-TECH

Are you currently in the 2018-2019 planning year or are a 2018-2019 planning grantee?

No

What grade level range will your academy serve in the 2019-2020 school year?

9-10

If you do not currently serve a full cohort of students, will you scale up the program by adding grade levels over subsequent years?

Yes

Contacts

Superintendent

Job Title: Superintendent
Full Name: Dr. Jodi Duron
Email: jodi.duron@elginisd.net
Phone Number: 512-281-9836

Applicant

Job Title: Director of College, Career and Military Readiness
Full Name: Mr. Bruce Peckover
Email: bruce.peckover@elginisd.net
Phone Number: 512-281-3438

IHE Liaison

Affiliation: Austin Community College
Job Title: Welding Department Chair
Full Name: Mr. Troy Defrates
Email: tdefrate@austincc.edu
Phone Number: 512-223-6634

Business Partner

Affiliation: Dynamic Manufacturing Solutions
Job Title: President
Full Name: Mr. Rob Misso
Email: rmisso@dmsusa.com
Phone Number: 512-599-8949

IHE Liaison

Affiliation: Austin Community College
Job Title: Associate Vice President
Full Name: Dr. Shasta Buchanan
Email: shasta.buchanan@austincc.edu
Phone Number: 512-223-7679

Narratives

Model Implementation

Which P-TECH model does the district intend to implement at this time? Within these models, there are variations. For this purpose campus is defined as a CDC number not a physical location.

School Within a School

Endorsements

Identify the current endorsements that are offered:

- Business and Industry

Institution of Higher Education

Describe the current campus or district partnership with an institution of higher education (IHE) and address how this partnership addresses all statutory requirements such as curriculum alignment, instructional materials, instructional calendar, etc.

ACC and Elgin ISD will work with industry partners (i.e. DMS) to make work-based learning a viable method for helping students meet academic standards. MOU's with industry partners will be reviewed by ACC and the ISD annually and clearly articulate the requirements outlined in the P-TECH website published 4-year crosswalk and 6-year crosswalk. The MOU partners will meet at least quarterly to assure that the statutory requirements such as curriculum alignment, instructional materials, and instruction calendar are aligned that that the budgetary support is accessible according to the signed MOU.

1. The P-TECH/ICIA shall provide:

- a. Age level appropriate work-based learning for students in the P-TECH/ICIA at every grade level that includes career awareness, career exploration, career preparation, and career experience.
- b. Policies and protocols to make work-based learning a viable method for helping students meet program standards (including curriculum, shop activities, work-based activities, internships, and mentoring opportunities).
- c. Work based learning experiences that are well planned and properly sequenced to provide a progression of learning experiences for students—each one building on the last.
- d. Work based learning may include, but is not limited to: facility visits, guest speakers, presentations, career information, career fairs, informational interviewing, job shadowing, internships, mentoring, and apprenticeships.

2. The P-TECH/ICIA shall ensure that students:

- a. Understand the connection between their work-based learning and academics.
- b. Are provided opportunities to reflect on their work experiences (i.e. student online portfolios).
- c. Demonstrate their learning in writing, portfolio, and/or presentation (digital or by other means).
- d. Are provided opportunities for career-building skills such as: interview training, skill development, and resume workshops.

3. The P-TECH/ICIA shall allow for demonstration of enrichment and extracurricular opportunities, such as clubs, Career and Technical Student Organizations, competitions, and special initiatives.

Describe the program(s) of study offered to students through this P-TECH/ICIA (or like) program. Include the sequence of courses that lead to a credential and/or associate degree.

Elgin High School's P-Tech Academy is aligned to work with welding industry community partners to help propel students through high school, an Associate's degree from Austin Community College, and an American Welding Society (AWS) professional certification.

EDUC 1300, HUMA 1302, WLDG 1428, WLDG 1434, WLDG 1430, WLDG 1457, WLDG 1337, ENGL 1301, ENGL 1302, HIST 1301, HIST 1302, WLDG 1413, WLDG 2471, WLDG 2431, WLDG 1332, WLDG 2450, WLDG 2451, WLDG 2453, WLDG COURSE

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

Describe how this school provides its students with flexible class scheduling and academic mentoring.

The Elgin High School Welding P-TECH is designed for students to complete within a typical 4-year high school time period. Individual student needs and pacing are evaluated by the student/parent/counselor/administrator team to assess whether classes may be altered within Austin Community College's published class schedules to help students meet TSI testing requirements. When possible, other scheduling, such as extracurricular participation outside of the P-TECH program is reviewed and approved as available. Both Elgin High School and Austin Community College offer tutoring, test prep, class scheduling, and academic mentoring to meet the educational needs of the P-TECH Welding students. These individual factors can extend the P-TECH completion time-frame beyond a 4-year plan.

Certificates

Does this academy offer Associate Degrees to students?

Yes

Industry Certificates

Identify all industry certificates offered to students.

Certificate	Description
AWS	D1.1 Structural Steel
AWS	D9.1 Sheet Metal Welding

Level One Certificates

Identify all level one certificates offered to students.

Certification	Description
Structural Welding Certificate	Introduction to intermediate skill level for structural applications
Level I Certificate Pipe Welding	Intermediate and advanced level welding on pipe and plate pertaining to cross country pipelines and boiler and pressure vessel codes
Ultra High Purity Piping Level I Certificate	Includes welding of food service and pharm. grade welding

Level Two Certificates

Identify all level two certificates offered to students.

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Certification

Description

Key Elements for Success

Provide a link to your campus's website.

<https://sites.google.com/elginisd.net/ptech/home>

Provide a link to the Program of Study.

<https://sites.google.com/elginisd.net/ptech/curriculum-resources>

Provide a link to the job description, roles of design team, leadership team, and advisory board.

<https://sites.google.com/elginisd.net/ptech/leadership-team>

Provide a link to your mission statement.

https://drive.google.com/file/d/1mwRjcyLUB_7E2OP0_gqAHkRJrXcVdCz-/view

Provide a link to the final, signed, and executed MOU.

<https://drive.google.com/file/d/1-hodylRWKp1MmisN4zxBKZO8Rm8buEoo/view>

Provide a link for this campus's agreement with its IHE partner.

<https://drive.google.com/file/d/1-hodylRWKp1MmisN4zxBKZO8Rm8buEoo/view>

Provide a link for this campus's agreement with its business/industry partner(s).

<https://drive.google.com/file/d/140ay6PQIzNIXgOvBRpXLMSwWhoqv43nx/view>

Provide a link to the academy's master schedules.

<https://sites.google.com/elginisd.net/ptech/curriculum-resources>

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

<https://sites.google.com/elginisd.net/ptech/admission-policy-recruitment>

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://drive.google.com/file/d/1NP6nqIQ97-dfkmdZTDLxV5z4DLZDp_fy/view

Provide a link to the academy's description of instruction practices.

https://drive.google.com/file/d/1mwRjcyLUB_7E2OP0_gqAHkRJrXcVdCz-/view

Provide a link to the academy's internship and externship opportunities.

<https://sites.google.com/elginisd.net/ptech/student-resources>

Provide a link to where the leadership team meeting documents (agendas, minutes, etc.) are posted for the school district.

<https://sites.google.com/elginisd.net/ptech/meeting-agendas>

Provide a link to the academy's Assessment strategy.

<https://sites.google.com/prod/elginisd.net/elginisdechs/student-resources/tsi-resources>

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

<https://drive.google.com/file/d/1euc9YbHaZEgQ3-wFUMlrwVZiNU5NbFOL/view?usp=sharing>

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

<https://drive.google.com/file/d/1YEylsKxwBzy-07nPrZwiEo3FjeqS3tbX/view>

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

https://drive.google.com/file/d/1R-tu2NK_UsXmPJHr6XWZal7YDIzTIUgc/view

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

<https://sites.google.com/prod/elginisd.net/elginisdechs/student-resources/tsi-resources>

Provide a link to current dated regional high demand occupation list.

<https://sites.google.com/elginisd.net/ptech/information-research>

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

<https://drive.google.com/file/d/1QUNNmfmLbNauml1AbaO7YDeASOzABqmE/view?usp=sharing>

Provide a link to the academy's tutoring and bridge program schedules.

<https://drive.google.com/file/d/1zG3bVFpTsvMw6MG6sUVAXRZor6DAmsBu/view>

Provide a link of the calendar of regularly scheduled counseling/advisory events and records of completion for these support services.

https://drive.google.com/file/d/1NP6nqlQg7-dfkmdZTDLxV5z4DLZDp_fy/view?usp=sharing

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

https://drive.google.com/file/d/1NP6nqlQg7-dfkmdZTDLxV5z4DLZDp_fy/view

Industry/Business Partner

List up-to five key business partners for this campus that support students' program of study.

Dynamic Manufacturing Solutions

Lincoln Education

Career Safe

Describe how business/industry partners currently support work-based and contextual learning for 9th grade students (i.e. through internships, externships, workforce training, etc).

Industry partners provide student workshops, tours of professional facilities, and workforce training, including human resource simulations such as resume services, credential review, and industry professional hiring practices.

Describe how business/industry partners support or will support work-based and contextual learning for 10th grade students.

Industry partners provide support for basic safety training, appropriate tool operations and use, and basic skill development. Soft skills development continues with mock interviews, job search techniques, and review of base skills needed for various industry opportunities.

Describe how business/industry partners currently support or will support work-based and contextual learning for 11th grade students.

Students will produce projects to simulate manufacturing projects at Dynamic Manufacturing Solutions (DMS). Representatives from DMS will visit the facilities at EHS to evaluate progress, help student learn to evaluate and adapt for quality control, and provide a final assessment at project completion. DMS will also provide internship orientation so the students can practice skills in preparation for their Senior Internship year.

Describe how business/industry partners currently support or will support work-based and contextual learning for 12th grade students.

DMS will provide Senior students with internship opportunities on-site at the manufacturing facility. Once students turn 18, internship practice will include in-site production practice opportunities. Students will earn AWS certifications at EHS under the supervision of DMS mentors. Students successfully completing the DMS internship and ACC Associates Degree will be granted job interview opportunities for appropriate industry job openings with DMS.

Does AT LEAST one of the school's current business/industry partnerships have an agreement that students completing the P-TECH/ICIA program and otherwise meet hiring requirements have priority interviewing with the applicable employer?

Yes

List which partner has an agreement that P-TECH/ICIA students have priority interviewing.

Dynamic Manufacturing Solutions

Describe how the Academy will recruit, support, and retain highly qualified teachers.

Elgin ISD's Human Capital department is dedicated to recruiting and retaining the best teachers and education professionals in Texas. The department oversees recruiting, firing, benefits, and pay grades. The department participates in State and Regional Job Fairs and Recruiting to attract new teachers to the Elgin ISD. In addition to recruitment activities, the District supports the profession by working with a myriad of certification options for applicants interested in teaching. Elgin ISD has also secured Grow Your Own Grant Funding to provide high school students and their teachers with professional development and contest funding to motivate future professional growth in education. Once hired, Elgin ISD provides ongoing new teacher training, mentor support, and professional learning communities to promote teacher retention. Teachers in Career and Technical Education positions also receive ongoing certification training to develop new industry standard training practices and to remain current with industry professional certifications.

TSIA

Does this academy administer the TSIA exam?

Yes

What ID number do students use when taking the TSIA exam?

Unique State Assigned ID