



Greenville Early College High School
P-TECH Renewal Application
2019-2020

Contents

[Background](#)

[Contacts](#)

[Narratives](#)

[Download Assurances Signature Page](#)

Background

District Affiliation

GREENVILLE ISD

CD #: 116905

Region: 10

Mailing Address (Line 1): P O BOX 1022

Mailing Address (Line 2):

City, State, Zip: GREENVILLE, TX 75403

School Affiliation

GREENVILLE H S

CDC #: 116-905-002

Region:

Mailing Address (Line 1): P O BOX 1022

Mailing Address (Line 2):

City, State, Zip: GREENVILLE, TX 75403

Academy Information

P-TECH Academy Name:

Greenville Early College High School

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. Demetrus Liggins
Email: ligginsd@greenvilleisd.com
Phone Number: 903-457-2526

Applicant

Job Title: Chancellor
Full Name: Mrs. Casey Chaney
Email: chaneyc@greenvilleisd.com
Phone Number: 903-457-3629

IHE Liaison

Affiliation: Paris Junior College
Job Title: President
Full Name: Dr. Pamela Anglin
Email: panglin@parisjc.edu
Phone Number: 903-782-0330

Business Partner

Affiliation: Innovation First International
Job Title: President, Rack Solutions
Full Name: Mr. John V'Neun
Email: jvn@racksolutions.com
Phone Number: 903-453-0800

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:

- Science, Technology, Engineering, and Mathematics (STEM)

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.

The MOU between the P-TECH program academy and Paris Junior College addresses the following statutory requirements: (a) Curriculum alignment - the curriculum meets TEKS, Next Generation Science, Texas College Readiness Standards, and the Texas Higher Education Coordinating Board degree requirements; (b) Instructional materials - Academy students will not pay for instructional materials, including textbooks; (c) Instructional calendar - the district and the IHE work together annually to develop and coherent, integrated calendar; (d) Programs of study - the Associate of Science program of study has been approved by the IHE and is published in the PJC catalog; (e) Student enrollment and attendance - attendance is taken according to the Student Attendance Accounting Handbook published by TEA; (f) Grading periods and policies - Semester grades and grading policies are outlined in each instructor's course syllabus. Academy students will be informed by the instructor of academic progress/grade status prior to the 'Last day to Drop/Withdraw'; (g) Administration of statewide assessments - the student must complete a pre-assessment activity prior to taking the official TSIA battery of tests. The district will pay the testing fee for Academy students.

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.

Students in the program are given the opportunity to earn an Associate of Science in Engineering through Paris Junior College. The degree is designed for students planning to obtain a four-year engineering degree. The college course sequence includes: Education 1300 and Computer Science 1301 during grade 10; English 1301 and 1302, Math 2312 and 2413; Chemistry 1411 and 1412; and History 1301 and 1302 during grade 11; and Music Appreciation 1306, Math 2414, University Physics 2425 and 2426; Government 2305 and 2306; Economics 2301; and History 2311 during grade 12 of high school. This course sequence provides the 60 semester hours required for an Associate's of Science in Engineering.

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

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

During year one of the cohort, we are focusing on student success in an engineering pathway. As such, the student schedule for grade 9 is fairly rigid. Students may utilize the PE course requirement in grade 9 to attend an athletics preparation class in lieu of PE. In subsequent years, grades 10 - 12, students are able to attend a zero period class for athletics, dance, and other extracurricular activities. Students may also utilize after-school hours for participation in clubs and organizations, extracurricular activities, and after-school practices, which allows students to participate in activities outside the program while still graduating on time.

Academic mentoring is served through the AVID program (Advancement Via Individual Determination). The program provides wrap-around services for students through the program counselor and AVID Advisor. The AVID Advisor's role includes: working with students to enroll them in TSI preparation programs if necessary, training students to audit class grades and take responsibility for their own success by enrolling in ACE and college academic support programs, and collaborating with students to establish communication with faculty members when problems arise. Developing these skills ensures that first-generation college goers have support to pass rigorous coursework.

Certificates

Does this academy offer Associate Degrees to students?

Yes

Industry Certificates

Identify all industry certificates offered to students.

Certificate	Description
Certified SolidWorks Associate certificate	Students demonstrate expertise with SolidWorks 3D modeling software, design concepts, and sustainable design
OSHA - Occupational Safety and Health Administration	Students demonstrate expertise in the recognition, avoidance, and prevention of safety and health hazards in workplaces.

Level One Certificates

Identify all level one certificates offered to students.

Certification	Description
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Level Two Certificates

Identify all level two certificates offered to students.

Certification	Description
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Key Elements for Success

Provide a link to your campus's website.

<https://www.greenvilleisd.com/domain/960>

Provide a link to the Program of Study.

<https://www.greenvilleisd.com/Page/2606>

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

<https://www.greenvilleisd.com/Page/2706>

Provide a link to your mission statement.

<https://www.greenvilleisd.com/Page/2515>

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

<https://www.greenvilleisd.com/Page/2603>

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

<https://www.greenvilleisd.com/cms/lib/TX01001755/Centricity/Domain/960/PJC%20Dual%20Credit%20MOU%202018-1907162018.pdf>

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

<https://www.greenvilleisd.com/cms/lib/TX01001755/Centricity/Domain/960/IFI%20MOU.pdf>

Provide a link to the academy's master schedules.

<https://www.greenvilleisd.com/cms/lib/TX01001755/Centricity/Domain/960/ECHS%20Master%20Schedule.pdf>

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

<https://www.greenvilleisd.com/Page/2641>

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://www.greenvilleisd.com/Page/2641>

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

<https://www.greenvilleisd.com/cms/lib/TX01001755/Centricity/Domain/960/ECHS%20Instructional%20Practices.pdf>

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

<https://www.greenvilleisd.com/cms/lib/TX01001755/Centricity/Domain/960/Internships%20and%20Externships.pdf>

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

<https://www.greenvilleisd.com/Page/2646>

Provide a link to the academy's Assessment strategy.

<https://www.greenvilleisd.com/cms/lib/TX01001755/Centricity/Domain/960/ECHS%20Assessment%20Plan.pdf>

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

<https://www.greenvilleisd.com/cms/lib/TX01001755/Centricity/Domain/960/PJC%20Professional%20Development%20Schedule.pdf>

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

<https://www.greenvilleisd.com/cms/lib/TX01001755/Centricity/Domain/960/Brochure.pdf>

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

<https://www.greenvilleisd.com/cms/lib/TX01001755/Centricity/Domain/960/Greenville%20ECHS%20Course%20Crosswalk.pdf>

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

<https://www.greenvilleisd.com/Page/2607>

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

<https://www.greenvilleisd.com/cms/lib/TX01001755/Centricity/Domain/960/Regional%20Workforce%20Data.pdf>

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://www.greenvilleisd.com/cms/lib/TX01001755/Centricity/Domain/960/18-19%20Work-Based%20Learning%20Calendar.pdf>

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

<https://www.greenvilleisd.com/cms/lib/TX01001755/Centricity/Domain/960/Tutoring%20Schedule.pdf>

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

<https://www.greenvilleisd.com/cms/lib/TX01001755/Centricity/Domain/960/Counseling%20Advising%20Events.pdf>

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

<https://www.greenvilleisd.com/Page/2708>

Industry/Business Partner

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

Students enrolled in the Academy will complete workforce experiences each year with three partner companies: Innovation First International (IFI), L-3 Aerospace Systems, and Raytheon.

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

In grade 9, students are enrolled in an engineering or engineering-based elective class that provides investigation and instruction in the field of engineering. The course curriculum develops technical skills and builds computer-aided design abilities in order to provide rich work-based learning experiences. During grade 9, the work-based learning experiences consist of site visits to Innovation First International (IFI) and meeting with an industry mentor to design engineering projects. Company employees are matched to students as mentors and will guide them through the engineering process in the development of these projects.

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

In grade 10, students continue to be enrolled in an engineering or engineering-based elective class that provides investigation and instruction in the field of engineering. The course curriculum further develops technical skills and builds computer-aided design abilities in order to provide rich work-based learning experiences. In grade 10, students will apply their knowledge from the engineering class through continued work-based learning experiences by making site visits to L-3 Aerospace Systems. Students will also continue to meet with industry mentors in preparation for a robotics competition.

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

In grade 11, students continue to be enrolled in an engineering or engineering-based elective class that provides investigation and instruction in the field of engineering. The course curriculum further develops technical skills and builds computer-aided design abilities in order to provide rich work-based learning experiences. Grade 11 will provide site visits to Raytheon and ongoing industry mentoring in developing robotic control systems. Students will present an original design project to engineers in order to qualify for internship opportunities.

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

In grade 12, students continue enrollment in an engineering or engineering-based elective class that provides investigation and instruction in the field of engineering. The course curriculum further develops technical skills and builds computer-aided design abilities in order to provide rich work-based learning experiences. In grade 12, students will complete an industry internship with one of the key business partners and will create a computer-assisted design of their robotics project for competition and will utilize the design to construct the robot. The time industry mentors spend with students enables them to develop technical and workspace skills that are needed for successful employment in the company.

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.

Innovation First International has entered into an agreement with Greenville ISD that the business partner will give first priority when interviewing.

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

Greenville ISD and its P-TECH Academy are committed to recruiting, supporting, and retaining a quality, diverse and committed staff. In order to attract quality recruits, the district has created a pay structure which makes GISD a district of choice, paying teachers an equivalent to or greater amount than like districts. GISD consistently monitors and adjusts the pay structure along with stipends in order to remain competitive in the market.

One way the district supports teachers is through a teacher grant program that provides classroom grants for innovative learning projects that are beyond campus budgets. Another teacher supports is the first year teacher mentoring program, provided by district teacher mentors as well as campus mentors. District mentors provide professional development, instructional and lesson planning guidance, as well as classroom management support. These mentors also support first year P-TECH Academy teachers. Core-area teachers are also given common planning periods in order to facilitate collaboration and learning among teacher cohorts.

TSIA

Does this academy administer the TSIA exam?

Yes

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

Unique State Assigned ID