



Biotechnology And Life Sciences
Innovative Academy Early College High
School At LBJ (BLSIA)

P-TECH Renewal Application

2019-2020

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Background

District Affiliation

UNITED ISD

CD #: 240903

Region: 01

Mailing Address (Line 1): 201 LINDENWOOD DR

Mailing Address (Line 2):

City, State, Zip: LAREDO, TX 78045

School Affiliation

LYNDON B JOHNSON

CDC #: 240-903-009

Region:

Mailing Address (Line 1): 5626 CIELITO LINDO BLVD

Mailing Address (Line 2):

City, State, Zip: LAREDO, TX 78046

Academy Information

P-TECH Academy Name:

Biotechnology And Life Sciences Innovative Academy Early College High School At LBJ (BLSIA)

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

ICIA

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?

9-11

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: Mr. Roberto J. Santos
Email: rsantos@uisd.net
Phone Number: 956-473-6219

Applicant

Job Title: Director of Career and Technical Education
Full Name: Mrs. Angelica Sanchez
Email: asanchez@uisd.net
Phone Number: 956-473-2018

IHE Liaison

Affiliation: Laredo College
Job Title: President
Full Name: Dr. Ricardo Solis
Email: president@laredo.edu
Phone Number: 956-721-5101

Business Partner

Affiliation: South Laredo Family Clinic PA
Job Title: Physician/Owner
Full Name: Dr. Mateo Reyes
Email: drreyes@slfcmd.com
Phone Number: 956-722-5007

Business Partner

Affiliation: Allied Health Education Center (AHEC)
Job Title: Executive Director
Full Name: Mrs. Julie Bazan
Email: bazanj@uthscsa.edu

Phone Number: 956-712-0037

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:

- Public Services

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 BLSIA's foundation is set in an articulation agreement with Laredo College to provide participating students access to post-secondary educational and training opportunities at a college, university, or technical school. Curriculum alignment is ensured through ongoing coordination between the school district and IHE through cross-matching class requirements. The IHE provides the class syllabus and designates the instructional materials which are then provided to students by the school district at no cost. The instructional calendar for the high school portion of the BLSIA is based on the School District calendar and complies with all related TEA regulations for school attendance. The School District adjusts its schedule if necessary to enable BLSIA students to enroll in and attend the college-level courses provided by the College. The School District and College coordinate the testing requirements of the students to ensure students may take all required State examinations without penalty. The ECHS calendar may vary from that of the School District in order to best fit the needs of students and reasonably interrelate with the College's academic calendar.

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.

The United Independent School District's BLSIA offers a program of study for Pre Nursing that spans the Health Science Technology courses normally offered as high school electives and post-secondary education through the four-year plan that begins in the 9th grade and culminates in an Associates of Science degree. The Associates of Science degree incorporates the 42 common core curriculum that transfers to any public post-secondary institution in the state it also incorporates the THECB Field of Study for Nursing courses which are guaranteed to transfer to any public university in Texas. It is the goal of the BLSIA that students graduate high school with an Associates degree, and while the graduates are working they may pursue further study and post-secondary degrees. United ISD's BLSIA also focuses on the high demand occupational fields giving students the opportunity to earn industry certifications such as Certified Nurse Aide, Phlebotomy, and Pharmacy Technician. The program of study leading to an Associates of Science in Pre Nursing include:

The 9th-grade coursework: English I; Algebra I/Geometry; Biology; World Geography; Spanish I; Principals of Health Science; Speech/Health; Extra Curricular Electives; and dual credit courses taught by LC credentialed adjunct faculty: Business Information Mgt I/Intro to Computing COSC 1301; Fine Arts/Art Appreciation ARTS 1301. The 10th-grade coursework: English II; Geometry/Algebra II; Physics; Spanish II; Medical Terminology, Extracurricular Electives; and dual credit courses taught by LC credentialed adjunct faculty: Social Studies Advanced/USHistory 1-HIST 1301; Government/American Natl Govt GOVT 2305; Texas Government 2306; Lifespan Growth & Development PSYC 2314; and Intro to Psychology-PSYC 2301. The 11th-grade coursework: Algebra I/Pre-Calculus; Health Science Theory; Extracurricular Elective; and dual credit courses taught by LC credentialed adjunct faculty: English III Composition ENGL1301; US History-HIST 1302; English III Composition ENGL 1302; Chemistry with Lab - CHEM 1305/1105; Anatomy & Physiology I with lab-BIOL 2301/2101; Anatomy & Physiology II - BIOL 2302/2101. The 12th-grade coursework: Practicum of Health Science; AP Economics; Extracurricular Electives; and dual credit courses taught by LC credentialed adjunct faculty: English IV/American Literature ENGL 2327; Statistics-MATH 1342; Intro to Sociology- SOCI 1301; Nutrition & Diet Therapy-BIOL 1322, Microbiology- BIOL 2320/2120; Personal Community Health-KINE 1304.

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.

Beginning their freshmen year, BLSIA students are 100% on track to complete their coursework; nonetheless, a contingency plan is in place to provide flexible scheduling on a per student, as needed basis. The contingency plan includes May-mester, summer, evening, or weekend classes to be provided for students should the need arise. Academic mentoring is built into our ICIA program as the classroom teacher provides such mentoring on the days that the class does not meet: on a Monday-Friday schedule, classes may be held on Monday-Wednesday-Friday with mentoring taking place on non-class days (Tuesday and Thursday). This scheduling has been very effective in meeting student needs.

Certificates

Does this academy offer Associate Degrees to students?

Yes

Industry Certificates

Identify all industry certificates offered to students.

Certificate	Description
Phlebotomy Technician	Certification for drawing blood for patients and donors
Pharmacy Technician	Certification to perform tasks such receive prescription requests, measure medication amounts, package and label prescriptions and other pharmacy tasks.
Certified Nurse Assistant	Certification to assist patients with daily healthcare needs

Level One Certificates

Identify all level one certificates offered to students.

Certification	Description
Certified Nurse Assistant	Certification to prepare students to be professionals who provide health care to patients and fulfill their medical needs under the supervision of a registers or licensed nurse.

Level Two Certificates

Identify all level two certificates offered to students.

Certification

Description

Key Elements for Success

Provide a link to your campus's website.

https://lbj.unitedisd.org/188393_2

Provide a link to the Program of Study.

<https://drive.google.com/drive/folders/1k2HQwEPeB6xuf38bljLBY6ZNIE346gUa>

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

https://drive.google.com/drive/folders/1QdwFj_8qF8hg9oMVZtEaoyxLfSNGEGXa

Provide a link to your mission statement.

<https://drive.google.com/open?id=1hDxMm2fV31hC1UOUGWhvBBOCCWeNRL-d>

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

<https://drive.google.com/open?id=1wm3kmTmTyrKukSP45ey3GNq1gexg1sTd>

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

<https://drive.google.com/open?id=1wm3kmTmTyrKukSP45ey3GNq1gexg1sTd>

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

<https://drive.google.com/drive/folders/1vQY-zfp2y4a4vOFCiefl7bk4B5nkAAME>

Provide a link to the academy's master schedules.

https://drive.google.com/open?id=1Apksb1Lwf_zaOBeq660GgGprtetWYOUs

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

https://drive.google.com/drive/folders/1iWdbPuVhwjB_npUHT-wsBZHMmO5n7s1G

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/drive/folders/1iWdbPuVhwjB_npUht-wsBZHMmO5n7s1G

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

<https://drive.google.com/drive/folders/1eRt5AzlKwflyL4JhS-Pkqp7EuJARccw2>

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

https://drive.google.com/drive/folders/1bAGt6AS_Vkwu_XCE41Ey4DPwBzYSWK-B

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

<https://drive.google.com/drive/folders/1oKTyGOuiAOY1XdPZQeKmHyxO7dHFreQP>

Provide a link to the academy's Assessment strategy.

<https://drive.google.com/open?id=1HKVAbw9oQr2B8cjv1JicLzjsfmfrlUgs>

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

<https://drive.google.com/drive/folders/1mOKhVVXLHYi5V7ZsEO805mJb4RMafanV>

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

https://drive.google.com/drive/folders/1iWdbPuVhwjB_npUht-wsBZHMmO5n7s1G

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

https://drive.google.com/open?id=1AfbdexPpi35NBk3cmBqBgk_grC9_-LjG

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

https://drive.google.com/drive/folders/1laxjpWkrKR38uWxxNGQ-VLbJKH_eidgu

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

https://drive.google.com/open?id=1bnO2h7kdJ9nTxNlllG5undhjnqy_gaSf

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/drive/folders/1bAGt6AS_Vkwu_XCE41Ey4DPwBzYSWK-B

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

<https://drive.google.com/drive/folders/1WY--O65TcLrevFYCUU-jYRF44cnkKCAW>

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

<https://drive.google.com/open?id=12lQ6LKgFaY-ofOYjkRk6DcJGptG-2cj6>

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

https://drive.google.com/open?id=11_gkz01S5dDWGqQjBNMlPkjSwTh-cU7h

Industry/Business Partner

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

South Laredo Family Clinic, P.A.

Prestige EMS

Si Texas, Juntos for Better Health Traveling Clinic

Area Health Education Center (AHEC)

City of Laredo Health Department

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

Both UISD and Laredo College together with our local partners will support work-based and contextual learning for our 9th-grade students. The industry partners currently support 9th-grade students with health facilities tours to introduce students to the workplace environment. Classroom presentations from our health care community professionals, In-kind donations of equipment for use in a classroom setting and participation in providing basic health screenings to the community are also conducted.

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

Both UISD and Laredo College together with our local partners will support work-based and contextual learning for our 10th-grade students. The industry partners currently support 10th-grade students with health facilities tours to introduce students to the workplace environment. Students are provided with demonstrations of equipment and operations of such in these tours. As with 9th-grade students, 10th-grade students are also provided classroom presentations from our health care community professionals in various fields, In-kind donations of equipment for use in a classroom setting and participation in providing basic health screenings to the community.

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

Both UISD and Laredo College together with our local partners will support work-based and contextual learning for our 11th-grade students. The industry partners currently support 11th-grade students are also provided with health facilities tours to introduce students to the workplace environment. Students are provided with demonstrations of equipment and operations of such in these tours. Classroom presentation from our health care community, In-kind donations of equipment for use in a classroom setting and participation in providing basic health screenings are also provided.

Summer internship programs with our local partners as well as our local health care community will be available to students as they transition into their final year of high school.

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

Both UISD and Laredo College together with our local partners will support work-based and contextual learning for our 12th-grade students. The industry partners currently support 12th-grade students with health facilities tours to introduce students to the workplace environment. Students are provided with demonstrations of equipment and operations of such in these tours. Classroom presentation from our health care community, In-kind donations of equipment for use in a classroom setting and participation in providing basic health screenings are also provided.

During the 12th grade year, work-based learning experiences will be offered to students through clinical rotations at various work sites to allow for hands-on opportunities in the health care field. Students will be given the opportunity to enroll in practicum courses to allow for the practical application of previously studied knowledge and skills. Student attendance in speaker series, lectures, seminars, and/or leadership training in the health science fields will expand the knowledge base and learning experiences of all students.

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.

South Laredo Family Clinic PA

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

BLSIA teachers are selected based on credentials and goodness-of-fit with the program needs. Teacher positions for the BLSIA follow the same process as for the district at large, with the most highly qualified candidates selected to teach in the BLSIA. The IHE partner approves these teacher candidates and approves their credentials. These BLSIA teachers receive a stipend \$500 per section for these classes in addition to the \$3,500 stipend they receive for teaching at this campus. These stipends provide an incentive for teacher retention. BLSIA teachers are supported through professional development with the campus, district, and IHE.

TSIA

Does this academy administer the TSIA exam?

Yes

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

Unique State Assigned ID