



DR LEO CIGARROA H S
P-TECH Renewal Application
2020-2021

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Background

District Affiliation

LAREDO ISD

CD #: 240901

Region: 01

Mailing Address (Line 1): 1702 HOUSTON ST

Mailing Address (Line 2):

City, State, Zip: LAREDO, TX 78040

School Affiliation

DR LEO CIGARROA H S

CDC #: 240-901-003

Region:

Mailing Address (Line 1): 2600 ZACATECAS ST

Mailing Address (Line 2):

City, State, Zip: LAREDO, TX 78046

Academy Information

What is the academy name?

Dr. Leonides G. Cigarroa 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.

Grade Levels Served

What grade level(s) will your academy plan to serve in the 2020-2021 school year?

9
10
11

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

75

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

107

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

98

Contacts

Applicant

Applicant 1

Job Title

Assistant Principal/PTECH Administrator

Name Prefix

Mrs.

First Name

Elenisa

Last Name

Vasquez

Email

ecvasquez@laredoisd.org

Phone

9562736810

Principal

Principal 1

Name Prefix

Mr.

First Name

Jose

Last Name

Iznaola

Email

jeiznaola@laredoisd.org

Phone

9562736801

Superintendent

Superintendent 1

Name Prefix

Dr.

First Name

Sylvia

Last Name

Rios

Email

sgrios@laredoisd.org

Phone

9562731400

Narratives

Current Designations at LAREDO ISD:

- MARTIN H S - ECHS - 1718
- DR LEO CIGARROA H S - P-TECH - 1819
- HECTOR J GARCIA EARLY COLLEGE H S - ECHS - 0607

Previous Planning Year Applications at LAREDO ISD:

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.

Narratives: Degrees and Credentials

Degrees and Credentials

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

Architecture & Construction

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

Architectural Design
Construction Management and Inspection
Carpentry
Electrical
HVAC and Sheet Metal
Plumbing and Pipefitting

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

PSC
IC

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

Item
Heating, Ventilation, Air Conditioning and Refrigeration Technology
Electrician Helper Technology
Welding

What industry certifications does the academy plan to offer?

Item
OSHA 30 Hour Construction

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

Narratives: Strategic Partnerships: IHE, Strategic Partnerships: Business Partner, Business Partners: Hiring Priority

Strategic Partnerships: Business Partner

Business/Industry Partner 1

Affiliation/Company

Ruby's Air Conditioning

Job Title

Owner

Name Prefix

Mr.

First Name

Alex

Last Name

Esparza

Email

alexe@bizlaredo.rr.com

Phone

9567124447

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.

In accordance with P-TECH/ICIA Blueprint Benchmark 3: Strategic Alliance and per the Partnership Memorandum of Agreement between Dr. Leo G. Cigarroa High School P-TECH and Ruby's Air Conditioning, Section III clearly states and defines the roles and responsibilities of the work site supervisors, mentors, teachers, support personnel and other partners. Ruby's Air Conditioning has agreed to have a dedicated staff person available at least 60% of the time to ensure support is provided by coordinating site visits, recruiting and matching mentors to students, scheduling mentoring activities at least twice a year, providing a minimum of thirty (30) internship opportunities each year to 11th and 12th-grade students, identifying appropriate internship opportunities, job shadowing and other "real-life" work experiences for students, and supporting teachers and faculty in developing appropriate curricula. Ruby's Air Conditioning will make available line supervisors and Human Resources managers to identify the appropriate entry-level positions students at the school may qualify for upon graduation, assist in identifying high-quality occupation-related projects and curriculum that may be incorporated into the academic program, work with other parties to map key skills needed to succeed in these positions, assist the school in identifying additional organizations in the architecture/construction fields and strongly consider students at the school for employment opportunities. Ruby's Air Conditioning Mentors will provide support by mentoring PTECH students, allowing them to job-shadow, providing other "real-life" work experiences, supporting teachers and faculty in developing appropriate curricula, and assist in developing a coherent Scope & Sequence.

Describe how the Business/Industry articulation agreement addresses the following Business/Industry Blueprint Requirements: Support for students' activities, such a clubs, Career and Technical Student Organizations, competitions, and special invitations.

Ruby's Air Conditioning is committed to the full implementation of the Overall School Model as outlined in Section I in the Partnership Memorandum of Agreement which states "The Parties agree to collaborate in developing, supporting and operating Dr. Leo G. Cigarroa Pathways in Technology Early College High School." Because the PTECH school is housed within Dr. Leo G. Cigarroa High School campus, students are eligible to participate in any student activities, clubs, organizations, competitions and special invitations hosted by organizations at Dr. Leo G. Cigarroa High School as specified in the P-TECH/ICIA Blueprint Benchmark 5: Work-Based Learning, item 5.

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.

As specified in Benchmark 3: Strategic Alliances 1.h and per the Partnership Memorandum of Agreement, Section A. Ruby's Air Conditioning Responsibilities, item 7 stipulates that "Ruby's Air Conditioning will allow Laredo College, Laredo Independent School District Director of CCMR, and the School's staff and students appropriate access to Ruby's Air Conditioning facilities to support program activities, including, but not limited to, internships, job shadowing, mentoring, and other "real-life" work experiences for students."

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

As specified in Benchmark 3: Strategic Alliances 2.J.i and per the Partnership Memorandum of Agreement, Section C. Laredo Independent School District Responsibilities, item 8 states that "Laredo Independent School District will provide regular operating funds to the School in the same manner as other Laredo public schools. Laredo Independent School District will identify additional funding streams that may be available to the School, including but not limited to federal Perkins program funding." Furthermore, in Section V Miscellaneous, item E. Expenses, the contract stipulates that "expenses, except otherwise expressly provided in the said Agreement, each Party will bear its own costs and expenses incurred in connection with the Agreement and the activities contemplated in it."

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

Laredo College

Name Prefix

Dr.

First Name

Ricardo

Last Name

Solis

Email

president@laredo.edu

Phone

956-721-5101

Job Title

President of Laredo College

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.

The agreement between Dr. Leo G. Cigarroa High School PTECH and the IHE, Laredo College, delineates a partnership in creating a Pathways to Technology Early College High School model that provides the opportunity for student in Laredo ISD to gain up to 60 college hours and/or an Associate's Degree, dual enrollment technical certificate and/or an industry-based certificate. Per the articulation agreement, item 9.B states that both parties will develop an articulated four-year course of study which allows students to transition from a majority of high school classes in grades 9 and 10 to a gradual integration into college-level classes during grades 11 and 12. Upon entering the PTECH program, students are provided with a crosswalk which maps the course of study in each grade level. The crosswalk is designed to align the high school curriculum and dual credit courses sequentially, allowing students to gradually increase their college credit courses in each grade level. The crosswalk targets students with an interest in technical programs, including but not limited to HVAC, electrical, plumbing, and welding. Through this dual credit partnerships, students may earn Level 1 certificates in Welding, Electrician Helper, and/or HVAC Technician Helper. PTECH students may also earn college hours in other coursework such as Kinesiology, Introduction to Computing, English, Government, History and Mathematics which may also be transferred to either an associate degree or postsecondary certificate provided by Laredo College.

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

The articulation agreement between CHS-PTECH and Laredo College addresses the following specific Blueprint Requirements and policies. 1). Item 9.B stipulates that "Through the CHS-PTECH counselors, each student will receive advising on the Business/Architecture and Construction endorsement and Laredo College. Each student will develop a high school graduation and college degree plan." 2). In order to ensure the IHE transcripts college credit earned through dual credit in the same semester that credit is earned, item 18.A specifies that "The CHS-PTECH will provide academic and counseling support to the CHS-PTECH's students and their parent and work with the College Liaison in the areas of test preparation, remediation and the development of an integrated support system for CHS-PTECH students...". In addition, item 12.B stipulates that "CHS-PTECH personnel are responsible for advising CHS-PTECH students concerning academic progress in high school and college courses. Faculty will follow the College policies for Early Alert and grade posting". 3). Per item 18.C, "The CHS-PTECH Director and College Liaison will develop procedures for advising students as to the transferability and applicability to baccalaureate degree plans for all college credit offered and earned." 4). Student access to the IHE facilities, services, and resources is specified in the articulation agreement item 7.D Students will be aided to "Have access to the same services and facilities as regular college students including but not limited to the use of the library, computer labs, student rooms, science labs, student services, bookstore, and food services."

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.

In accordance with the P-TECH/ICIA Blueprint Benchmark 3: Strategic Alliances and the Memorandum of Understanding between Laredo College and Laredo Independent School District Dr. Leo G Cigarroa Pathways in Technology Early College High School, item number 25 stipulates that "Either party may terminate this MOU through 90 days written notice to the other party. In the event of termination, the Steering Committee will prepare an agreeable plan of dissolution in accordance with all Applicable Laws to be submitted and approved by the Leadership Council. In the event of termination, the 11th and 12th grades will continue operation through scheduled graduation. The 9th and 10th grades will return to the high school." Furthermore, item 22 E states that "Any transportation to and food services at the college will be provided by the School District." In addition, item 23 Transportation, states that "The School District will provide for student transportation to and from the School as required, as deemed necessary, and as appropriate under State law and School District rules and procedures. The School District will also provide transportation for all CHS-PTECH field trips."

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

In accordance to the P-TECH/ICIA Blueprint Benchmark 3: Strategic Alliances, the articulation agreement between Laredo College and Laredo Independent School District Dr. Leo G Cigarroa Pathways in Technology Early College High School states that "All instructors teaching courses for college credit must meet the College's academic requirements as outlined by the accrediting authority Southern Association of Colleges and Schools Commission on Colleges (SACSCOC) Faculty Credentialing requirements." In addition, "The School District will provide instructors for all college courses taught at the CHS-PTECH. Instructors will be either high school teachers with the necessary academic requirements or instructors identified by the college." In addition, item 17 stipulates that "the School District will maintain student records pertaining to CHS-PTECH and provide to the College copies of the grades, progress, and other informational data on student assessment, promotion, retention, award of diplomas, and other student data necessary and advisable for the College to perform its obligations under the MOU." Grade policies for the IHE are accessible on the College's eCatalog website.

Business Partners: Hiring Priority

List the business partner(s) that have an agreement with the district that students completing the P-TECH/ICIA program and otherwise meet hiring requirements have priority interviewing with the employer.

Business Partner

Ruby's Air Conditioning

Narratives: Regional Workforce Alignment, Work-Based Learning

Work-Based Learning

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

9th Grade Activities

Bridge Program/Academic Tutorials for TSI, End of Course Exams

Guest Speakers

Mentorships

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

10th Grade Activities

Academic Tutorials for TSI, End of Course Exams, ACT, SAT

Guest Speakers

10th Grade Activities
Mentorships

Add up to three activities offered to 11th grade students.

11th Grade Activities

Academic Tutorials for End of Course Exams, ACT, SAT

Site Visits

Resume/Interview/Soft Skills Workshops

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

Electricians

Plumbers, Pipefitters & Steamfitters

Heating, AC, & Refrigeration Mechanics & Installers

Welders, Cutters, Solderers & Brazers

Narratives: Advanced Academics

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

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?

All instructors teaching courses for college credit must meet the College's academic requirements as outlined by the

accrediting authority Southern Association of Colleges and Schools Commission on Colleges (SACSCOC) Faculty Credentialing requirements." In addition, "The School District will provide instructors for all college courses taught at the CHS-PTECH. Instructors will be either high school teachers with the necessary academic requirements or instructors identified by the college." We have not yet had any challenges in ensuring our PTECH has educators with qualifications to teach dual credit.

Is the academy a TSIA testing site?

Yes

Narratives: Student Support

Student 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
College and career plans	Develop individualized college and career focused students plans.
Academic support	TSI Tutorials, EOC Tutorials after school and Saturdays, Bridge programs,
Mentorships	Provide mentorship opportunities from industry experts.
Cohort Meetings	Administrator, Counselor, teachers and attendance personnel meet to discuss student progress in academics, behavior and attendance. Support is provided as needed in each area.
Advisor Meetings	Juniors will schedule meeting with college advisors to track their progress toward certifications.

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
PTECH students assist with the playground assembly at Tarver Elementary.	PTECH students volunteer their time over a weekend to assist a local elementary school with the assembly of a new playground. Students were able to give back to the community with their skills and their time.
PTECH Open House	PTECH student representatives assist with a first ever PTECH open house. Students volunteered to make phone calls inviting parents to the open house in addition to greeting parents at the door and giving them a tour of our PTECH classrooms.
PTECH Recruitments	PTECH students assist with recruiting students for the new cohort. Students gave speeches and presentations about the program, and they consulted with students 1-1 at our booth. They also assisted in providing new recruits with a Virtual Reality Tour of our campus and workshops.
Superintendent's	PTECH students represent our program as members of the Superintendent's Student Advisory

Activity	Description
Student Advisory Council	This leadership opportunity allows our PTECH students to participate by providing input on district initiatives and decision making.
Student Menu Advisory Committee	PTECH students participate in the Student Menu Advisory Committee (SMAC) to provide suggestions and approval for the district's menu cycles.
Career and Technical Education Week Proclamation Event	PTECH students participate in the City of Laredo CTE Proclamation Event. Students were able to meet the Mayor of Laredo and share about our program benefits.
Corrida de Toros	This event is held once a year at Dr. Leo G. Cigarroa High School. At this event, all groups, clubs, organizations and special programs such as PTECH are able to share more about their programs with incoming 9th graders. This even is designed to show our new students all things available to them at Dr. Leo G. Cigarroa High School.
Home Life Event	The Home Life Event is hosted by builders and home services business in Laredo, TX. Our PTECH students participated in this event as a way to show the community more about what PTECH has to offer, but also to demonstrate some of our construction/architectural skills acquired through the PTECH program.

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

Dr. Leo G. Cigarroa High School P-TECH follows the P-TECH/ICIA Blueprint and uses the Outcomes-Based Measures data as a guide for program improvement. All student data gathered will be analyzed and broken down to help continue to reinforce the strengths of the program. The information will allow us to focus on strengthening our limitations and ensure student success and growth in the P-TECH 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 5: Work-Based Learning	As next school year will be our 3rd year as a PTECH school, we are dedicated to ensuring that we provide quality and effective work-based learning experiences for our 11th graders. We are planning to work very closely with our industry and IHE partners to meet every element in Benchmark 5.
Benchmark 6: Student Support	With a new cohort of 11th graders, one of our goals is to perfect the college readiness and advising process. We look forward to scheduling advising sessions for our 11th graders with our school counselors and College Advisors to ensure our students are on track with their specific graduation plan.
Benchmark 3: Strategic Alliances	Another goal is to expand our list of industry partners. We hope to add more partners for each area of our program to include partner for welding, constructions and plumbing in addition to our current HVAC industry partner.

Narratives: Benchmark 1 Products, Benchmark 2 Products, Benchmark 3 Products, Benchmark 4 Products, Benchmark 5 Products, Benchmark 6 Products, Benchmark Products

Benchmark Products

Benchmark 1 Products

Provide a link to the academy's mentor/induction program plans.

https://drive.google.com/file/d/1yg_zYlqgZWZT8o6azYZ3W-McEs96Fn5Q/view

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

<https://docs.google.com/document/d/18ADNGrC5gVpQdGpwRTouvyNQfito7PNgmjedYOQBvYY/edit>

Provide a link to the academy's leadership meeting agendas and notes.

<https://drive.google.com/file/d/1RFhcWebe2eunBudop4W2Bl0pgaSW-cE4/view?usp=sharing>

Benchmark 2 Products

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

<https://drive.google.com/file/d/1Joj-r10cAG1g6DgfUquZ5YDvDhiUzCLr/view>

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://docs.google.com/document/d/1JLxDP41kloggVKBoQfTZwJcD1oxAaWMpnkap6TWvLCY/edit?usp=sharing>

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

https://drive.google.com/drive/folders/1QNTovGVFC9Qzyf5eHye_mOWQR5X5PBY3?usp=sharing

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://docs.google.com/document/d/1JLxDP41kloggVKBoQfTZwJcD1oxAaWMpnkap6TWvLCY/edit?usp=sharing>

Benchmark 3 Products

Provide a link to the academy's meeting agendas and minutes, with action items and decision logs.

<https://drive.google.com/file/d/1RFhcWebe2eunBud0p4W2Bl0pgaSW-cE4/view?usp=sharing>

Provide a link to the academy's final, signed, and executed MOU with their industry partner/business.

https://drive.google.com/file/d/1ozY6a3ohnJVnrRiKlNEmc450Gq3S1R_7/view

Provide a link to the academy's final, signed, and executed MOU with their IHE

http://ptech.laredoisd.org/UserFiles/Servers/Server_6056157/File/School%20Documents/MOU%20PTECH%202018%20-%202019.pdf

Provide a link to the academy's list of strategic partners with each member's organization, title and role in providing work-based learning for students by grade level.

https://docs.google.com/document/d/1rkGgUOYS2gly__L5QcdMvRleTg_7k_TcNQVQYZr8dLA/edit

Benchmark 4 Products

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

<https://drive.google.com/file/d/1FXClQkJB1WHLCPdZBuDXJkhXgzAygaNz/view?usp=sharing>

Provide a link to the academy's master schedule.

<https://drive.google.com/file/d/1j5VVN4UT9koKrR1HZyLWohzyR8tFpCkw/view>

Provide a link to the academy's curriculum alignment documents.

https://docs.google.com/document/d/1IsCIXIPJ_QkNLP8hdKfVBmljDGh62ia3RV_TgjzWAxo/edit

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

<https://drive.google.com/file/d/1yhYzpgNXs266Vb0buQPsgo8F60xvItes/view?usp=sharing>

Provide a link to the academy's documentation detailing a minimum of three course of study examples that outline student pathways from high school, to associate degrees, to work credential and beyond.

<https://drive.google.com/file/d/18HEEcCD6jg1JxqdWEV3CgkFoqpcEjLDt/view>

Benchmark 5 Products

Provide a link to the academy's documentation of appropriate work-based learning experiences for students at all grade levels.

<https://docs.google.com/document/d/1nrx-YDxEuuga6neD-S2S8j7OdD4q150bCoeP6cSgyDs/edit>

Provide a link to the academy's current dated regional high demand occupation list.

<https://drive.google.com/file/d/1B6h1t5VdBhE-orgBzRGCCuJ4uyJbHPu/view>

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

<https://docs.google.com/document/d/17nZkPSWmoRG6FUquxKRX557o84gZWj05QdXNKxeMKDw/edit?usp=sharing>

Provide a link to the academy's samples of student artifacts such as writing, portfolios, presentations, or links to digital content.

https://photos.google.com/share/AF1QipPcp8BAw1EpTvS6g-3ayvNY_BhNIqgkalu5kvl-AZlQ0Soogs6coxQjWojjxxFdzw?key=SUx2eDIHbzV3T0xtSnpUX082Q2s3MmlUUXd2TlpR

Benchmark 6 Products

Provide a link to the academy's bridge program calendar and curricula.

https://docs.google.com/document/d/16H-JV3NgkgGqFY_LXfcnf1j7dj_vjLt8L6zFhHCulM/edit

Provide a link the academy's tutoring and other intervention/remediation program schedules,

<https://docs.google.com/document/d/1WQNazS-Flf1t5kd-nLEy4ME11Vg-55mXu3k4oMmiiXQ/edit>

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

https://docs.google.com/document/d/1cK26HklKmpbVVIB7EOSS2Ok-hSzFACT30s6i_lfYQww/edit