



Rose M. Avalos Early College High School
P-TECH Planning Application
2018-2019

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Background

District Affiliation

ALDINE ISD

DC #: 101902

Region: 04

Mailing Address (Line 1): 2520 W W THORNE DR

Mailing Address (Line 2):

City, State, Zip: HOUSTON, TX 77073

School Affiliation

Rose M. Avalos Early College High School

CDC #:

Region:

Mailing Address (Line 1): 2430 Aldine Mail Route Rd.

Mailing Address (Line 2):

City, State, Zip: Houston, TX 77039

Academy Information

P-TECH Academy Name:

Rose M. Avalos Early College High School

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

P-TECH

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

9-10

Contacts

Superintendent

Job Title: Superintendent
Full Name: Dr. LaTonya Goffney
Email: lgoffney@aldineisd.org
Phone Number: 281-985-6200

Applicant

Job Title: Director of Guidance, Counseling & At-Risk Students
Full Name: Dr. Charlotte Davis
Email: cjdavis2@aldineisd.org
Phone Number: 281-985-6472

IHE Liaison

Affiliation: Lone Star College
Job Title: Interim Vice Chancellor for Academic Success
Full Name: Dr. Quentin Wright
Email: Quentin.A.Wright@lonestar.edu
Phone Number: 832-813-6688

Business Partner

Affiliation: The Houston Airport System
Job Title: Chief Community Relations Officer
Full Name: Mrs. Rhonda Arnold
Email: rhonda.arnold@houstontx.gov
Phone Number: 281-233-1618

Business Partner

Affiliation: BakerRipley
Job Title: Fab Lab Developer
Full Name: Mr. Brent Richardson
Email: brichardson@bakerripley.org
Phone Number: 832-554-6444

Narratives

Opening Statement

Describe how the decision to apply for a planning year was made. Include the types of individuals that were involved in the decision process.

Aldine ISD has an established Early College High School (Victory ECHS) on the west side of the district that has been very effective in helping students acquire an Associate's Degree. Victory ECHS was one of the first Early College models opened in the State of Texas. Since its inception, more than 450 students have received Associate's Degrees. The 9th grade enrollment for Victory in 2017 was 135 students selected from an application pool of approximately 300 students.

We believe that establishing a second ECHS on the east side of the district with an emphasis on earning Associate's Degrees coupled with the opportunity for students to obtain industry certification and/licensures will help close the gap between the number of students who are applying to Victory ECHS (500) and the number of students that are accepted into the freshman class Victory ECHS (135).

In collaboration with the Lone Star College System leadership staff and Board of Regents, Aldine ISD School Board, Superintendent and Cabinet members, the decision was made to apply for a planning year that will lead to the development and opening of an Early College High School on the east side of the district giving students throughout the community opportunity to acquire an Associate's Degree or industry licensure/certification creating a seamless transition into higher education or the workforce. In addition, feedback from our community, the East Aldine Management District, and our State Representative were included in the decision making process.

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

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

The recruitment and enrollment process will mirror Victory Early College High School's recruitment process. We will reach all 8th graders students and parents through a district wide mail out, and outreach through the district's social media avenues. We will coordinate dates with middle school campuses and conduct parent meetings in order to provide information and answer questions allowing parents the opportunity to make an informed decision about the Rose M. Avalos ECHS. We will visit all 8th grade classrooms and make presentations regarding the ECHS including information about careers and salaries for the latest jobs in the workforce. We will participate in and share information at our annual Parent Expo in the summer, district-wide magnet fair in the fall, high school fairs and orientations, and middle school sponsored fairs and other events. We will prepare flyers and brochures. Additionally, we will collaborate with Lone Star College and the East Aldine Neighborhood Center to host Town Hall meetings.

We will use an online electronic application (English and Spanish) and promote it at every meeting, and on the district website. The online application will be open to all 8th grade students, and easy to access. We will conduct a blind lottery where each eligible applicant will have the same opportunity of being selected. We will coordinate the selection and notification dates with our current magnet campuses that utilize an application process for enrollment so that students can make and commit to their decision based on the selection results.

Dual Credit

Identify the type of advanced courses (dual credit/AP/IB) currently implemented on the campus. If this is a brand new campus, identify the type of advanced courses currently implemented at any school in the district. If the district does not currently offer any of the advanced courses below, select "Not Applicable".

- DC
- AP
- IB

Does the campus currently have teachers with qualifications to teach dual credit courses?

No

Institution of Higher Education

Describe the current campus or district partnership with an institution of higher education (IHE). If the district does not have a current partnership, please describe the proposed partner for the new campus. How is the partnership currently being developed and how does this campus plan to maintain this partnership?

Rose M. Avalos Early College High School will be a new campus. Aldine ISD currently offers AP and dual credit courses at all high school campuses including Victory ECHS. The IB program and courses are offered at one designated high school, Eisenhower High School on the west side of the district. Aldine had a dual credit enrollment of 1,264 during the 2017-2018 academic year. Students enrolled in 22 courses that included academic transfer and workforce offerings. Dual credit classes are offered to students who meet advanced course qualifications based on the Texas Success Initiative beginning in grade nine.

Aldine ISD and Lone Star College has a long standing partnership dating back some 40 years. The first courses offered for Lone Star College were taught on the campus of Aldine Senior High School. The partnership between Aldine ISD and Lone Star College is formalized through an annual review of a dual credit agreement and an early college high school memorandum of understanding. Aldine ISD and Lone Star College will collaborate on the identification of dual credit faculty, student learning outcomes, assessments, student support, and recruitment activities. Rose M. Avalos ECHS will be located within a 65,000 sq ft facility shared by Aldine ISD and Lone Star College East Aldine Center. The facility design includes three modules for college transfer courses, college workforce courses, and high school courses. Through the partnership with Lone Star, students have been able to take qualifying exams to take college classes and enroll in dual credit classes.

Describe how this school plans to create systems and partnerships with IHE(s) and business partners that result in a student earning a high school diploma, an associate's degree, and work credentials upon completion of the program.

Middle school students in Aldine ISD create an educational plan of study that includes courses students will take in high school. Upon enrollment in 9th grade, a personal graduation plan is created that includes students post high school plans, such as enrolling in college, enlisting in the military, or employment. Aldine ISD has a current partnership with UpSkill Houston. UpSkill Houston provides information about career readiness and careers that can help students make informed decisions about their post-secondary education or training and lead them to better career paths and higher wages.

Lone Star College has a ten-step workforce development process that includes labor market analysis, research validation with employer focus groups, and curriculum development based upon industry needs. Each program has an industry-based advisory committee that meets annually to discuss updates to the curriculum and emerging needs of the industry. Each program participates in an internal program review process on a four-year cycle. The process includes an annual report card, four-year program evaluation, program deactivation steps (if needed), and a strategic action plan for continuous improvement.

Aldine ISD and Lone Star College will collaborate to design pathways that lead students to completing the requirements for an Associate's Degree, licensure/certification, or to enter the workforce. Additionally, we will work with business partners to create internship opportunities for students as part of their uniquely designed pathway.

Describe how this school plans to align the work credentials and Associate Degree opportunities to create cohesion for a student's program of study.

A four-year educational plan of study will be created for each student that details the required pathway of coursework by year, and leads to the student earning an Associate's Degree or licensure/certification. Dual credit courses will be identified on the student's program of study. Lone Star College workforce programs are offered in a stackable format. Students can earn Certificate I, Certificate II, and Associate of Applied Science (AAS) degrees in credit workforce programs, many of which include an industry certification. Certificate II and AAS degree courses include transferable core curriculum courses. Certain programs include an Employment Preparation course.

Through collaboration with Lone Star College and Aldine ISD curriculum staff, the dual credit crosswalk is reviewed and updated annually. The crosswalk identifies the alignment of courses offered by the Lone Star College and those offered in Aldine ISD.

Describe what programs of study that are being considered for this campus. Include the sequence of courses that lead to a credential and/or associate degree.

The programs of study being considered for this campus are Associates of Arts, Associates of Science, Mechatronics, Construction Supervision, Cybersecurity, Welding, and HVAC. Other programs of study will be explored and determined during the planning year process.

The Mechatronics, Construction Supervision, Welding, and HVAC programs are all stackable credentials. Students will have the ability to enter the level 1 certification programs in each of these areas without achieving college readiness scores on the TSIA. All courses in each of the certificates apply to the 60 hour Associate of Applied Science Degrees.

Other programs of study will be explored and determined during the planning year process through the examination of labor market data, input from community leaders, and ongoing discussions with industry-based advisory groups associated with both Aldine ISD and Lone Star College (i.e. Chancellor's Global Energy and Manufacturing Advisory Council).

See Attachments

Describe how you plan to provide students with flexible class scheduling and academic mentoring.

Each student's educational plan of study will be developed to meet the student's individual needs. Flexible scheduling will include students taking courses from credentialed Aldine ISD teachers as well as Lone Star College SACSCOC credentialed instructors. Through a family community, full-time college faculty at Lone Star College East Aldine Center will have a course release for the sole purpose of mentoring students. Scheduling will be in blocks to allow flexibility for students who work or have outside-of-class obligations. Online courses will be an option to allow students to focus on certifications and licensures as well internship opportunities.. Additionally, the ECHS students will have access to all Lone Star College's resources and programs.

Industry/Business Partner

Describe current or planned strategic alliances with business/industry partners. Describe any current or possible business partnerships that the school will establish.

Because of our initiatives with opening our new Career and Technical Education High School, Aldine has established many new business partnerships which will allow us the opportunity to collaborate and gain the latest job and labor market trends. The versatile list of partners include:

Information Technology/Architecture

Hewlett Packard Solutions, City of Houston- Aviation Department, Prairie View A&M College of Engineering, Halliburton, GE Baker Hughes Oil & Gas, Lone Star College, Texas A&M College of Manufacturing Engineering, Kellogg Brown Root (KBR), OBAP (Organization of Black Aerospace Professionals)

Business & Industry

Construction Maintenance Education Foundation, Texas Masonry Council, Wisenbaker Construction, Marek Bros., ACE Mentors Houston, UPS Machinery, FedEx, Cummins Inc., Mustang/Cat, W.T. Byler, Houston Community College North, Crown Lift Trucks, Gulf States Toyota, Averitt Freight, Old Dominion Freight, TASCOS, Becon Professional Services, PPG, InVesTex Credit Union, Briggs Equipment, HAAS, Express Jets, United Airlines, TAS Concrete, Greater Houston Builders Assoc.

Social, Personal & Public Service

Harris Health (Harris County Hospital District), Prairie View A&M College of Nursing, M.D. Anderson Teaching Hospital, LoneStar College NHarris/Montgomery/Tomball, CVS & Walgreens Pharmacies, Houston Northwest Medical, Memorial Hermann North, Houston Methodist Willowbrook, Houston Community Coleman College Medical Center

Lone Star College Chancellor's Advisory Councils

Lone Star College meets twice a year with industry leaders as part of the Chancellor's Global Energy and Manufacturing and Healthcare CEO Advisory Councils. Regular Energy and Manufacturing attendees include Apache, BP, Baker Hughes, Dow Chemical, Emerson, Pacific Drilling, and Innova Energy Services. Healthcare attendees includes Texas Children's Hospital, Houston Methodist, & Houston Fire Department EMT & Paramedics.

Lone Star College Program Advisory Councils

Lone Star College workforce faculty and administrators meet at least once per year with employers within the career fields associated with their programs of study. These employers serve as program level advisory councils that inform the faculty of any industry changes that may impact the community.

Describe plans for how business partners can support work-based and contextual learning for this school for 9th graders (i.e. through internships, externships, workforce training, etc.).

9th grade is a year of exploration and investigation of the student's chosen career pathway. This is the year that business partners can provide classroom speakers from the field and promotional materials that feature the students' chosen career paths. Students will take industry based field trips and attend college and career fairs sponsored by corporate and industry partners. Business partners can also provide job shadowing opportunities for 9th grade students to observe a worker in action. They can also provide opportunities for students to acquire community service hours that ultimately lead to internships.

Describe plans for how business partners can support work-based and contextual learning for this school for 10th graders.

During the 10th grade year, students generally begin courses in the coherent sequence of their chosen pathway. Business partners can provide classroom speakers from the field as well as promotional materials that feature the students' chosen career paths. Students will take industry based field trips and attend college and career fairs sponsored by corporate and industry partners. Business partners can also provide opportunities for industry based field experience and job shadowing opportunities for 10th grade students. Workshops can be provided to give students limited hands-on experience and exploration with worked based tools and resources, as well as safety training. Business partners can also provide opportunities for students to acquire community service hours that ultimately lead to internships.

Describe plans for how business partners can support work-based and contextual learning for this school for 11th graders.

Business partners can provide resources to address basic skills and financial literacy to 11th grade students. Workshops can be provided to give students hands-on experience and exploration with worked based tools and resources as well as safety training. Students will take industry based field trips and attend college and career fairs sponsored by corporate and industry partners. Business partners can also provide opportunities for industry based field experience and internship opportunities for 11th grade students.

Describe plans for how business partners can support work-based and contextual learning for this school for 12th graders.

Business partners can support 12th grade students with information and support, as well as resources and content knowledge to help as they prepare and apply for industry based certifications and licensures. They can offer students internships that lead to full-time employment after graduation. Scholarships can be provided to help with the purchase of tools, books, manuals, a computer (tablet) and/or other items needed to help the student move to the next level of certification, towards an Associate's or Bachelor's Degree, or to enter the workforce.

Describe how you will work with the local Workforce Development Board to identify the regional workforce needs.

Aldine ISD utilizes the Texas Workforce Commission to research trends in the job market and to gain information on high-demand jobs, salaries and skilled occupations. Aldine ISD's CTE Department will continue the utilization of current Labor Market trends and industry/occupation data in selecting partnerships. This practice is used to identify areas of career focus for our student body, resulting in high skill and high wage occupations. The CTE Department will continually seek out new and emerging career interest areas for partnerships with the ECHS.

Approximately 27% of all Lone Star College grants are through a partnership with the Texas Workforce Commission. Skills Development Grants such as Rebuild Houston are the most common.

Leadership Team

Identify the job titles who currently serve on this school's leadership team and their roles who have decision-making authority for the IHE partner, business partner, and school district.

Dr. Stephen Head, Chancellor, Lone Star College

Dr. Quentin Wright, Special Assistant to the Chancellor, Lone Star College

Dr. Gerald Napoles, President, Lone Star College – North Harris

Dr. Wanda Bamberg, Superintendent, Aldine ISD

Dr. LaTonya Goffney, Incoming Superintendent, Aldine ISD

Dr. Sara Ptomey, Assistant Superintendent for Curriculum and Instruction, Aldine ISD

Carlos Barron, Executive Director of Curriculum and Instruction, Aldine ISD

Franklin Higgins, Director of Career and Technical Education, Aldine ISD

Dr. Charlotte Davis, Director of Guidance, Counseling and At-Risk Students, Aldine ISD

Silvia Reyes, Program Director of Secondary Guidance, Counseling and At-Risk Students, Aldine ISD

Twiana Collier, Program Director of Advanced Academics, Aldine ISD

Todd Davis, School Assistant Superintendent, Aldine ISD

Dr. Phyllis Cormier, Principal, Victory Early College, Aldine ISD

Besabe (Betsy) Haisler, Executive Director of Multilingual Services, Aldine ISD

Katherine Seals, Executive Director of Special Education, Aldine ISD

State Representative Armando Walle, District 140

Richard Cantu, Executive Director of East Aldine Management District, Harris County Department of Education Board Member

Brent Richardson, Fab Lab Developer, Baker Ripley East Aldine Campus

List the dates of all leadership meetings that have been held throughout the academic year.

December 7, 2015

May 6, 2016

May 13, 2016

July 20, 2017

August 22, 2017

September 22, 2017

October 30, 2017

December 1, 2017

November 10, 2017

January 30, 2018

February 2, 2018

February 12, 2018

March 27, 2018

April 20, 2018

May 22, 2018

Teacher Recruitment + Evaluation

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

A collaborative effort between Aldine ISD, Lone Star College, and business partners will be utilized to market and recruit highly qualified teachers. Open positions will be advertised and posted via Aldine's and LSC's website as well as industry newsletters and bulletin boards. Flexibility offered through Aldine's District of Innovation designation will be used for hiring professionals to teach Career and Technical Education courses. Aldine ISD will provide support to teachers who are pursuing credentials within a specified period of time. Professional development and mentoring will be provided by both Aldine ISD and Lone Star College. Teachers will be part of a professional learning community where they will have the opportunity to work with other faculty members, and will receive Gifted and Talented (GT) and AP training.

All new college and dual credit faculty are provided orientations and training by Lone Star College Department Chairs. The Chairs assist the faculty in the development of course syllabi, student learning outcomes assessment, and other curricular needs.

List the methods and processes you will use to on an ongoing basis to examine the effectiveness of project strategies, including indicators of program accomplishment that are associated with each.

Aldine ISD will examine grades, attendance, discipline records, retention of students between cohorts, number of students receiving Associate's Degrees, core completion rates for Lone Star College, TSI, SAT/ACT, AP, and End of Course exam scores, number of students appealing a grade of D or F in a college class, and number of dual credit courses completed. We will review the number of licensures and certifications awarded, and gainful employment rates.

Lone Star College utilizes key performance indicators (KPIs) to examine student success. These metrics are: Headcount (Enrollment), First-Time-In-College (FTIC) Persistence from fall to spring, FTIC Persistence, Students Completing Developmental Reading, Math and Writing Requirements within 1 year, transfer rate to four year institutions, and number of degrees/certificates awarded. These measures were developed to align with the Texas Higher Education Coordinating Board success points, the Texas Success Center's Pathways to Success Initiative, and to address student success needs identified through other internal measures.