

Summary of Program

Provide an overview of the program to be implemented with grant funds. Include the overall mission and specific needs of the organization. Describe how the program will address the mission and needs.

NEEDS: Flour Bluff ISD is located in the Gulf Coast Region highlighted by Corpus Christi, the eighth largest city in Texas and 60th largest city in the United States, according to the U.S. Census. The population of Corpus Christi has increased 7.18% since the 2010 Census, and with its expected continuation of growth, this area will need more housing, businesses, schools and other developments to accommodate the expanding needs of those who flock here. According to the Workforce Solutions of the Gulf Coast occupation projections to 2026, construction occupations (such as carpenters, framers, plumbers and electricians) are expected to see an average 19.4% increase in employment opportunities. According to Workforce solutions these construction trades skills are especially in short supply in the Gulf Coast Region and across the country, because of increasing population and the growing number of Baby Boomers retiring from the industry.

OVERVIEW: Therefore, with grant funds, the district plans to offer a Construction Skills Trades pathway. This program involves training, education and hands-on opportunities in the building trades, such as electricians, carpenters, and plumbers, along with an opportunity to earn an Associates in Applied Science. Few high schools in the Corpus Christi area are partnering with IHEs (such as Del Mar College) to offer a Construction Skills Trade pathway of study, making it extremely inviting for Flour Bluff ISD to pursue these trades in the Coastal Bend region. Workforce Solutions Gulf Coast wage information shows plumbers earn a mean wage of about \$27 per hour, while carpenters make about \$21 per hour. This would be a new, special program that will include opportunities such as completing the actual process of building a "tiny home" intended to prepare Flour Bluff High School graduates to work in the much needed construction trades for various companies or provide the ability for graduates to start their own construction companies upon graduation or after their higher education degree program. This Construction Skills Trades pathway provides several career options as well as continuing education and additional occupations through an Associate's in Applied Science Degree in Building Maintenance or Construction Technology. For Flour Bluff ISD students, this P-TECH program of study is a need that is not currently being met through any channels in this district or other ISDs in the immediate area. This new Construction Skills Trades pathway meets the mission of Flour Bluff, which cites "in partnership with the community has high expectations for all students and is committed to: Building a solid foundation for college, career and lifelong success through academic, extracurricular and special programs."

Overall, this P-TECH program of study will address several issues within the ISD and in the region. Those include a response to assist the Gulf Coast Region in its challenges of hiring skilled staff to fill middle-skill jobs in the high need industries, assist students in attaining a smooth transitional experience through education and training into those high demand occupations and industries, and to increase the percentage of students who receive a diploma, associate's degree, a two-year post-secondary certificate/industry certification, and work-based education.

Identify/Address Needs

List up to three quantifiable needs, as identified in your needs assessment, that these program funds will address. Describe your plan for addressing each need.

Quantifiable Need	Plan for Addressing Need
<p>Workforce Solutions of the Coastal Bend reports construction and extraction occupations, based on its 2019-2021 list, are among the most jobs available as of 2019 and have among the highest earning and growth potential as cited by median hourly earnings.</p>	<p>Career opportunities in professional skills and trades in the building and construction are booming. That is why Flour Bluff intends to add a Construction Skills Trades pathway through Del Mar College to address the local needs for these occupations (carpenters, plumbers, electrical). Students will have the opportunity to pursue a path that leads to certification and/or an Associates of Applied Science Degree in Building Maintenance or Construction Technology.</p>
<p>Based on TAPR (2019-2020), only 30% of graduates from Flour Bluff ISD completed a CTE Coherent Sequence Coursework program aligned with industry-based certifications. That figure is well below the state figure of 59%.</p>	<p>Being designated a P-TECH campus will ensure Flour Bluff continues to develop and elevate its offerings, while aiming at the burgeoning relationship with Del Mar College to offer students the opportunity to obtain dual credit courses that will lead to students obtaining task-oriented training leading to industry-based certifications preparing them, in this case, to be hired by local construction companies, builders, and contractors.</p>
<p>According to the 2019-2020 TAPR, 60.8% of Economically Disadvantaged students at Flour Bluff ISD are College, Career and Military Ready (CCMR). That compares to the overall student rate of 72.3%, which is similar to the state's 72.9%.</p>	<p>Work will occur with local businesses, an IHE, and area Workforce board to continue to expand the offerings of rigorous academic and work-based educational program that place students, especially ED, on a clear and smooth transitional roadway toward employment opportunities in targeted occupations and industries post their secondary education</p>

Budget Narrative

Describe how the proposed budget will meet the needs and goals of the program, including for staffing, supplies and materials, contracts, travel, etc. If applicable, include a high-level snapshot of funds currently allocated to similar program. Include a short narrative describing how adjustments will be made in the future to meet needs.

MEETING NEEDS/GOALS: To develop the proposed budget, Flour Bluff ISD administration outlined the needs and goals of this P-TECH Planning and Implementation Grant. Then the district leadership researched and determined the cost of staffing, supplies, materials, curriculum, travel, professional services, and equipment needed to meet the needs and reach those goals. The district also estimated the number of students who would be participating in the program to make sure there was sufficient funding for materials, technology, travel and certifications. In order to properly meet the goals of this project, a designated director as determined to be a need as well as expenditures for additional support with planning and preparing the P-TECH process and obtaining the designation.

ALLOCATED FUNDS:

Payroll - \$35,500 total

- * Stipend cost for Program Director to oversee the CCRSM P-TECH Planning and Implementation project. The planning and implementation of this new P-TECH program will involve significant time and effort. The Program Director will play a key role throughout this process - \$28,500
- * Extra Duty Pay for Counselors/Facilitators. These personnel will market and promote the program to Flour Bluff ISD students of all ages, including incoming 8th graders - \$7,000

Professional and Contracted Services - \$42,500 total

- * Fees associated with student certifications in P-TECH industry (Construction Skills/Trades/OSHA) - \$6,000
- * TEA Technical Assistant to work in depth with district for curriculum planning and development throughout the planning process and through implementation of this new program. Starting a program such as this is not be easy and if not done correctly could result in not meeting goals and objectives and especially meeting the needs of the students and community - \$20,000
- * Grant funds will be used to provide student workshops and guest speakers as part of the wrap around services as well as recruitment and enrollment support for the program - \$4,500
- * Training consultant to additionally assist in the planning, marketing and implementation - \$10,000

Supplies and Materials - \$43,850 total

- * Grant funds will be utilized to purchase on student instructional supplies/items and resources needed to deliver curriculum, hands on learning (which is imperative) for this Construction Skills Trades P-TECH program. This will include relevant online resources, print materials as well as providing the equipment and materials needed for students to succeed in the program.

Other Operating Costs - \$21,750 total

- * Travel (busing) costs for students to be transported to Del Mar College West Campus for coursework in Construction Skills Trades. These grant funds also will be used to transport students to jobs for additional hands-on experiences within the construction/building industry - \$16,500
- * Marketing costs to promote program through various mediums, including print brochures and websites as online efforts - \$2,750
- * Funds to convene Leadership and Advisory teams - \$2,500

CDN

Statutory Requirements (Cont.)

2. Describe the course of study that the school is planning to offer and how it expands upon current offerings. Include how the course of study will enable a student to combine high school courses and postsecondary courses and identify crosswalks, sequences of courses, degrees/certificates/certifications earned, and work-based education that will be available to students at every grade level. Describe how the selected course of study will address regional workforce needs.

EXPANDING CURRENT OFFERINGS - Flour Bluff ISD currently has significant course offerings in partnership with Del Mar College in several pathways and clusters, including in health sciences, welding, public safety, Information Technology and Transportation. Now, the district would like to pursue expanding its dual-credit course offerings to include Construction Skills Training. This additional pathway, which all would be held on the Del Mar College West Campus and include student transportation to and from courses, leads students to a pathway in the high demand construction trades with significant salaries and growth potential. By the time students graduate, they will have obtained certification in Construction Skills and/or an Associates of Applied Science Degree in Construction Technology or Building Maintenance. The education received in this P-TECH program will provide students a seamless transitional experience from high school to post-secondary and this invaluable workforce in the Gulf Coast Region.

COURSE OF STUDY/ADDRESSING WORKFORCE NEEDS - According to Workforce Solutions, careers in the construction trades provide good benefits and pay, numerous job openings and shift options and a rewarding career for the highly skilled and motivated. The Gulf Coast Region, including the Corpus Christi area is home to corporations in the oil and refining industries and the area continues to show significant population growth, which requires building for homes, businesses, schools and industries. From 2016 to 2026, Construction Trades, specifically carpenters, framers, plumbers and electricians, are expecting a 19.4% increase in growth in available positions. These are the reasons Flour Bluff ISD administrators believe it is imperative to offer its students this opportunity to earn a certification and/or an Associates in Applied Science in Construction Technology/Building Maintenance to make Flour Bluff students competitive in several aspects of the construction trades job market wherever they may go. The program would consist of 30% book/classroom work and 70% hands-on construction work. At the end of this two (2) year or four (4) year program, graduating seniors will have built a "tiny home" and be capable of being employed by a local construction firm as an entry level trades worker. By creating this robust P-TECH program, with numerous opportunities for work-based learning including internships, students from Flour Bluff interested in pursuing and achieving certification, and even better, an associate's degree, will have a competitive edge in the job market. Students will be able to earn a general construction OSHA 30 certification, Occupational Skills Award and be able to matriculate course work taken toward a certificate and associate's degree upon graduating high school.

COURSES AND SEQUENCES - Del Mar College provides state-of-the-art equipment and materials for this Construction Skills Trades pathway where students train on and learn how to use many types of equipment properly, efficiently, and safely. These courses combined with core academics, including math, science and English can lead to a certificate coinciding with high school graduation and also toward an associate's degree of applied science.

Among the specified Construction Skills Training coursework for a certificate/ associate's degree pathway includes:

Year 1 - Principles of Construction

Year 2 - Construction Tech I

Year 3 - Safety - OSHA 30 Construction Safety Course; Construction Tech 2A - Carpentry Part I; and Construction Tech 2B- Carpentry Part 2.

Year 4 - Practicum of Construction A - Plumbing and Practicum of Construction B - Electrical.

WORK-BASED EDUCATION - Because of the proximity to so many companies locally in the building and construction industry, students in all grades will have numerous opportunities for work-based experiences through field trips, attending college and career fairs sponsored by the corporations, participate in job shadowing, hands-on workshops and field experiences with the industry partners, and job shadowing opportunities. Internship opportunities will also be provided along with the potential for full-time employment after certification and graduation. Specifically, the students who follow the pathway will have a practicum of construction the summer between their junior and senior years where they work with partnering construction/contracting companies.

Statutory Requirements (Cont.)

3. Name the IHE and describe how the proposed program will meet the requirements for the partnership with the IHE.

Flour Bluff ISD has had a successful partnership with Del Mar College, located in Corpus Christi, just a few miles from Flour Bluff. With agreements already in place for several other CTE programs, creating an articulation agreement with Del Mar regarding this program of study will build an even stronger relationship. (See attached letter of support)

Del Mar College has a history of successfully coordinating with various schools to provide students with college experience while still in high school. The campus size (Del Mar's West Campus will be the main one used for Flour Bluff students in this Construction Skills Trades program) offers a diverse number of programs and majors as well as services to suit the needs and interests of students. Del Mar offers numerous degree and certificate options, including associate degrees in a variety of liberal arts, social sciences, business, math, technology, manufacturing and health fields of study. These opportunities and knowledge of P-TECH programs and needs, along with the proximity to Flour Bluff makes Del Mar College the ideal partner in this endeavor. The plan of study for the P-TECH program will provide a seamless transition for students from grade level to grade level with college-level courses integrated into the high school schedule. This provides a road to a certificate and associates degree in a high demand industry. Flour Bluff and Del Mar College will enter into an articulation agreement to address several specific items regarding this program, including:

- * Curriculum alignment
- * Instructional materials
- * Programs/courses of study
- * School calendar/scheduling
- * Student enrollment and attendance criteria
- * Grading periods and policies
- * The administration of statewide assessments
- * Student transportation to and from IHE

4. Name the regional industry or business partner and describe how the proposed program will meet the requirements for the partnership with the industry/business partner.

Flour Bluff ISD will partner with STREAM Construction, located in nearby Mathis, South Shore Homes Inc. in Corpus Christi, and with Victory Building Team of Corpus Christi. These businesses have a history of partnering with Flour Bluff ISD and are

CDN Vendor ID

Amendment #

TEA Program Requirements



Equitable Access and Participation

Check the appropriate box below to indicate whether any barriers exist to equitable access and participation for any groups that receive services funded by this program.

- The applicant assures that no barriers exist to equitable access and participation for any groups receiving services funded by this program.
- Barriers exist to equitable access and participation for the following groups receiving services funded by this grant, as described below.

N/A

Group		Barrier	
Group		Barrier	
Group		Barrier	
Group		Barrier	

PNP Equitable Services

Are any private nonprofit schools located within the applicant's boundaries?

- Yes
- No

If you answered "No" to the preceding question, stop here. You have completed the section. Proceed to the next page.

Are any private nonprofit schools participating in the program?

- Yes
- No

If you answered "No" to the preceding question, stop here. You have completed the section. Proceed to the next page.

5A: Assurances

- The LEA assures that it discussed all consultation requirements as listed in Section 1117(b)(1) and/or Section 8501(c)(1), as applicable, with all eligible private nonprofit schools located within the LEA's boundaries.
- The LEA assures the appropriate Affirmations of Consultation will be provided to TEA's PNP Ombudsman in the manner and time requested.

5B: Equitable Services Calculation

1. LEA's student enrollment	
2. Enrollment of all participating private schools	
3. Total enrollment of LEA and all participating PNPs (line 1 plus line 2)	
4. Total current-year program allocation	
5. LEA reservation for direct administrative costs, not to exceed the program's defined limit	
6. Total LEA amount for provision of ESSA PNP equitable services (line 4 minus line 5)	
7. Per-pupil LEA amount for provision of ESSA PNP equitable services (line 6 divided by line 3)	
LEA's total required ESSA PNP equitable services reservation (line 7 times line 2)	

Appendix I: Amendment Description and Purpose (leave this section blank when completing the initial application for funding)

An amendment must be submitted when the program plan or budget is altered for the reasons described in the "When to Amend the Application" document posted on the [Administering a Grant](#) page. The following are required to be submitted for an amendment: (1) Page 1 of the application with updated contact information and current authorized official's signature and date, (2) Appendix I with changes identified and described, (3) all updated sections of the application or budget affected by the changes identified below, and, if applicable, (4) Amended Budget Request. Amendment Instructions with more details can be found on the last tab of the budget template.

You may duplicate this page

Amended Section

Reason for Amendment