



PSJA Thomas Jefferson T-STEM Early  
College High School  
ECHS Renewal Application  
2018-2019

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# Background

## District Affiliation

PHARR-SAN JUAN-ALAMO ISD

DC #: 108909

Region: 01

Mailing Address (Line 1): P O BOX 1150

Mailing Address (Line 2):

City, State, Zip: PHARR, TX 78577

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## School Affiliation

PSJA THOMAS JEFFERSON T-STEM EARLY COLLEGE H S

**CDC #:** 108-909-009

**Region:**

**Mailing Address (Line 1):** 714 E BUSINESS HWY 83

**Mailing Address (Line 2):**

**City, State, Zip:** PHARR, TX 78577

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## Academy Information

**ECHS Academy Name:**

PSJA Thomas Jefferson T-STEM Early College High School

**What grade level range will your academy serve in the 2018-2019 school year?**

9-12

Grade Level	Number of Students
9	200
10	210
11	240
12	190

# Contacts

## Superintendent

**Job Title:** Superintendent  
**Full Name:** Dr. Daniel King  
**Email:** drking@psjaisd.us  
**Phone Number:** 956-354-2000

## Applicant

**Job Title:** Principal  
**Full Name:** Mrs. Virna Bazan  
**Email:** virna.maldonado@psjaisd.us  
**Phone Number:** 956-784-8525

## IHE Liaison

**Affiliation:** South Texas College  
**Job Title:** Director for Early College High Schools  
**Full Name:** Ms. Sofia Pena  
**Email:** sofia21@southtexascollege.edu  
**Phone Number:** 956-872-2600

# Narratives

## ECHS Model

Which ECHS 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.

Stand Alone Academy - All students on the campus are enrolled in the ECHS academy

## Evaluation

Would your campus would like to be considered for distinguished recognition? All ECHS seeking distinguished recognition will be measured against the highest OMBs.

No

## Products

Please provide links to the following products' locations on the ECHS's website: \*If the ECHS has all these documents on one webpage, provide the hyperlink here.

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

<https://www.psjaisd.us/tstemECHS>

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.psjaisd.us/tstemECHS>

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

<https://www.psjaisd.us/tstemECHS>

Provide a link to the academy's written communication plan for targeting identified audiences, parents, community members, school board, higher education personnel, etc.

<https://www.psjaisd.us/tstemECHS>

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

<https://www.psjaisd.us/tstemECHS>

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

<https://www.psjaisd.us/tstemECHS>

**Provide a link to the academy's school board and board of regents' presentations.**

<https://www.psjaisd.us/tstemECHS>

**Provide a link to the academy's description of each member and role in committee.**

<https://www.psjaisd.us/tstemECHS>

**Provide a link to the academy's 60 college credit hours crosswalk.**

<https://www.psjaisd.us/tstemECHS>

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

<https://www.psjaisd.us/tstemECHS>

**Provide a link to the academy's professional learning community agendas and notes.**

<https://www.psjaisd.us/tstemECHS>

**Provide a link to the academy's advisory/study skills curriculum material.**

<https://www.psjaisd.us/tstemECHS>

**Provide a link to the academy's master schedules.**

<https://www.psjaisd.us/tstemECHS>

**Provide a link to the academy's calendar of TSI test administration dates.**

<https://www.psjaisd.us/tstemECHS>



**Provide a link to the academy's aggregate reports of TSI exam performance.**

<https://www.psjaisd.us/tstemECHS>

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

<https://www.psjaisd.us/tstemECHS>

**Provide a link to the academy's Bridge Program curricula.**

<https://www.psjaisd.us/tstemECHS>

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

<https://www.psjaisd.us/tstemECHS>

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

<https://www.psjaisd.us/tstemECHS>

**Provide a link to the academy's leader/liaison meeting agendas and notes.**

<https://www.psjaisd.us/tstemECHS>

**Provide a link to the academy's leadership team member bios.**

<https://www.psjaisd.us/tstemECHS>

## Free-Response

**If the ECHS has identified and implemented sustainability structures to address and minimize the challenges of staff turnover, please describe those structures here.**

In order to build effective human capital systems, our district and campus have identified and implemented sustainability structures that address and minimize the challenges of staff turnover. Through the PSJA ISD New Teacher Institute (NTI), newly hired teachers are assigned to a mentor teacher at their campus where together they undergo a series of professional development days throughout the year. NTI also assigns a district and campus Instructional Coach who provide feedback, mentoring, and in-class support by sharing best practices. All teachers are provided with site based professional development focused on student achievement, campus culture, sustainability structures, and professional growth. In addition, Professional Learning Communities convene regularly allowing all teachers to provide input during common planning time and collaboratively select best practices to increase student results.

PSJA Thomas Jefferson T-STEM ECHS provides growth and leadership opportunities for teachers utilizing the McREL observation and growth system. This teacher evaluation system provides guidance to perfect their craft by receiving two observations annually followed by coaching and feedback to afford guidance for professional growth and performance pay opportunities. PSJA ISD provides incentive pay for Master Level Teachers to encourage furthering their education and positively impacting instruction in their classrooms. In addition, teachers who teach a dual credit course receive a stipend from the district.

Through our partnership with South Texas College (STC), PSJA ISD dual credit faculty receives multiple opportunities for professional development workshops, faculty advisor training, and department meetings. STC provides dual credit and adjunct faculty with support on the IHEs faculty expectations, resources, policies, procedures, and creating a college environment through the Developing Excellence in Learning and Teaching Academy (DELTA).

PSJA Thomas Jefferson T-STEM ECHS and STC is committed to providing staff with the latest instructional tools and ongoing technical support in order to enhance classroom experience and minimize the challenges of staff turnover.

**Describe the processes that the dual credit provider and the ECHS campuses monitor student progress, and determine when interventions are needed. How is this ECHS going to share data and monitor student progress and ensure student success?**

Through a strong partnership PSJA ISD and South Texas College collaboratively created a data sharing agreement that allows both institutions to closely monitor student academic, social and emotional progress that ensures student success. PSJA Thomas Jefferson T-STEM ECHS utilizes combined data such as: assessment reports, sub-group performance, attendance, college entrance/admission data, and course outcomes to track student progress. PSJA Thomas Jefferson T-STEM ECHS uses this relevant information in designing students' Personal Graduation Plans ensuring that students are college and career ready. Early college students are guided in selecting a field of study in their area of interest. Using individual student data, degree plan guidance is provided regularly.

In addition students can use Degree Works, an IHE self-advising tool. This software provides real-time advice, speeds time to graduation, stream lines the graduation process, and allows direct access to multiple related services and counsel. Based on data outcomes students are provided a variety of academic and social interventions to reinforce positive learning skills.

Together with our IHE partner, we continuously monitor student progress to ensure all requirements are being met for both high school and college graduation.

## Endorsements

Identify the current endorsements that are offered:

- Science, Technology, Engineering, and Mathematics (STEM)
- Business and Industry
- Public Services
- Arts and Humanities
- Multi-disciplinary Studies

## Certificates

Identify all associate degrees offered to students.

Degree	Description
Associates of Science in Physics	Completion of core curriculum with an emphasis in the field of Physics
Associates of Science in Mathematics	Completion of core curriculum with an emphasis in the field of Mathematics
Associates of Science in Biology	Completion of core curriculum with an emphasis in the field of Biology
Associates of Science in Computer Science	Completion of core curriculum with an emphasis in the field of Computer Science
Associates of Arts in Criminal Justice	Completion of core curriculum with an emphasis in the field of Criminal Justice
Associates of Arts in Interdisciplinary Studies	Completion of core curriculum with opportunities for educational preferences
Associates of Arts in Business Administration	Completion of core curriculum with an emphasis in the field of Business
Associates of Arts in Graphic Arts	Completion of core curriculum with an emphasis in the field of Graphic Arts
Associates of Arts in Advertising/Public Relations	Completion of core curriculum with an emphasis in the field of Advertising/Public Relations
Associates of Applied Science in Automotive Technology	Prepares students for entry-level employment in the high technology automotive services industry

Associates of Applied Science in  
Precision Manufacturing  
Technology

Designed to provide hands-on experience necessary  
foemployment as a technician in the computer enhanced  
manufacturing process.r

**Identify all level one certificates offered to students.**

Certification	Description
Architectural and Engineering Design Technology	Introductions to the fields of architectural, visual, and civil engineering technologies. Providing basic knowledge for a wide range of disciplines in the design-build community.
Patient Care Assistant	Classroom instruction and related clinical practice in the basic nursing care of adults, children, infants, and the elderly.
Structural Welding	Prepares students for eerily level positions with skills in four welding processes (SMAW, GMAW, GTAW, and FCAW)
Combination Welding:	Student will gain knowledge in lay out and fabrication as well as blueprint reading, safety, and metallurgy. Also includes SMAW, GMAW, GTAW, and FCAW.
Precision manufacturing Technology	: Training on a variety of machine tools in area manufacturing shops, with an emphasis on practical machining skills. General mathematics, communications skills, and technical training.
Automotive Technology	Prepares students for entry-level employment in automotive service industry. Students gain knowledge in automotive systems, with hands-on learning to diagnose, troubleshoot, and repair
Business Administration Management	Prepares students for an entry-level position in the private or public sector. Course work is geared towards developing skills, knowledge, and abilities to perform managerial duties.
Computer and Internet Specialist	Provides students with the foundation required to use computers and the Internet. They learn entry-level skills needed to use computer & Internet technologies in a business environment.
Electrician Assistant	Prepares students to help assemble, install, test, and maintain electrical systems. They gain knowledge in installation, diagnostics, and regulation of various structural electrical systems.
Emergency Medical Technology	Basic: Students learn general anatomy & physiology, patient assessment, lifesaving procedures, and administration of certain medications. Eligibility to apply to Texas for EMT Basic Certific
Human Resources	Recruiter Assistant: Students learn fundamentals of recruiting practices, emphasizing human relations & organizational behavior. Students will be prepared to help employers attain the most q
Computer	: Prepares students to meet the demand for advanced skills and knowledge in

Applications  
Specialist

some of today's leading business applications.

Identify all level two certificates offered to students.

Certification	Description
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## TSI + IHE

Is this ECHS a TSI testing site?

Yes

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Is the IHE liaison working with other ECHS campuses?

Yes

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