



**Pathways in Technology
Early College High School
(P-TECH)**

Senate Education Committee

November 27, 2018



SB 22, 85(R) requires the Texas Education Agency to:

- Convene a legislatively appointed advisory council to provide recommendations to the commissioner regarding:
 - The establishment and administration of the P-TECH program
 - Establish the criteria for a campus's designation as a P-TECH school
- Establish and administer the P-TECH program for students who wish to participate in a work-based education program
 - Establish criteria for a designation process
 - Establish criteria for a grant program

College and Career School Readiness Models



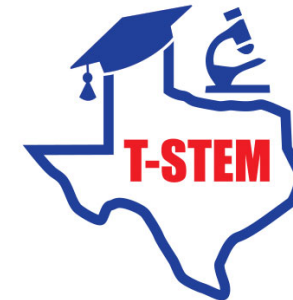
**TEXAS
EARLY COLLEGE
HIGH SCHOOL**

- Up to 5 years to graduate high school and earn an associate degree or 60 college credit hours



**INDUSTRY
CLUSTER
INNOVATIVE
ACADEMY**

- Up to 5 years to graduate with a high school diploma, industry certifications, and an associate degree
- Business partners



**TEXAS
SCIENCE,
TECHNOLOGY,
ENGINEERING &
MATH**

- Up to 4 years to graduate with a high school diploma, industry certifications, and an associate degree
- Business partners



Rider 67

Pathways in Technology Early College High School-P-TECH

- Up to 6 years to graduate with a high school diploma, industry certifications, and an associate degree
- Requires business partners as a key stakeholder in the model
- \$2,500,000 in General Revenue in each fiscal year of the 2018-19 biennium is allocated:
 - Support Pathways in Technology Early College High School (P-TECH) programs
 - Funds shall be used to support P-TECH programs that align with the Early College High School requirements outlined in Texas Education Code §29.908 (b)

**TWC provided \$3M in funding (in addition to Rider 67)
to allow for additional P-TECH grants**

P-TECH Components



- Design work-based learning experiences for students at every grade level including internships and apprenticeships



- Establish agreements with business and industry to provide students with first priority in interviewing



- Align career pathways (CTE programs of study) based on high-wage and in-demand regional workforce needs



Planning Grant

New P-TECH Programs

School districts engage in 16 months of planning with a TEA technical assistance provider to build the foundational requirements of the P-TECH Blueprint. Grantees will begin serving students in the 2019-2020 school year.

FY 19 Grant Applications Accepted:
October-December 2018

Success Grant



School districts currently implementing a “P-TECH like” campus. Districts will strengthen and refine current practices towards distinguished levels of performance (as measured by the Blueprint). These grantees are currently serving students and are designated for the 2018-2019 school year.

FY 19 Grant Applications Accepted:
February-April 2019



P-TECH Advisory Council

- Keith Bryant*** - Superintendent, Lubbock-Cooper ISD
- Charles Cook** - Chief Executive Officer, Responsive Education Solutions
- Sandy Dochen*** - Manager of Corporate Citizenship, IBM
- Alicia Dover*** - Executive Director, Plumbing-Heating-Cooling Contractors of Texas
- Angela Farley** - Senior Vice President, Dallas Regional Chamber
- Rosena Garcia** - Director of High School Programs, Alamo Construction Colleges District
- Joe Gomez** - Director of Business Development, Jordan Foster
- Brenda Hellyer** - Chancellor, San Jacinto Community College
- Glenn Johnson** - Workforce Development Leader, BASF
- Mario Lozoya** - Executive Director, Greater Brownsville Incentives Corporation
- Thomas Randle** - Superintendent, Lamar Consolidated ISD
- Mike Reeser*** - Chancellor and CEO, Texas State Technical College

- Appointed by:
 - Governor Abbott
 - Lt. Governor Patrick
 - Speaker Straus
- Met in person and virtually
- Established the P-TECH Blueprint Criteria, Outcomes-Based Measures, and designation criteria

*Served on Lieutenant Governor's P-TECH Advisory Council

P-TECH Blueprint Benchmarks:

Serving economically disadvantaged and at-risk students

- School Design
- Target Population
- Strategic Alliances
- Curriculum, Instruction, and Assessment
- Work-Based Learning
- Student Support

TEA will use campus data to determine qualifications for designation categories

Outcomes-Based Measures allow for targeted technical assistance to increase success and return on investment

P-TECH Blueprint			
Benchmark 1: School Design			
The P-TECH/ICIA program must offer open enrollment and flexible scheduling structures that enable students to combine high school, postsecondary courses and work-based learning, at no cost to participating students.			
Design Elements			
All P-TECH/ICIAs must implement and meet the following requirements:			
1. The P-TECH/ICIA location shall be:			
a. In a high school, or			
i. as a standalone high school campus or			
ii. in a smaller learning community within a larger high school			
b. At a center			
c. On a college campus			
2. P-TECH/ICIA design elements shall include:			
a. A building			
b. Industry leader			
c. An Institutional Review Board			
d. Highly qualified staff			
e. Counselors			
3. The P-TECH/ICIA must meet the following requirements:			
and IHE with			
Attainment Outcomes-Based Measures			
Data Indicators	Provisional	Designated	Designated with Excellence
Requirements	Must meet college-level course and Work-Based Learning requirements	Must meet targets on at least four attainment data indicators	Must meet targets on at least five attainment data indicators
Grade-to-grade retention by subgroup (weighted)	Not <u>taken into account</u> for designation	Retain 80% of students who remain in district grade-to-grade	Retain 90% of students who remain in district grade-to-grade
Completing one college-level course by end of 11th grade (any)	80% of students (by the fourth year of implementation)	90% of students	100% of students
Earning postsecondary degree provided by an IHE by graduation	Not <u>taken into account</u> for designation	30% of students	50% of students
Earning a postsecondary credential provided by an IHE by graduation	Not <u>taken into account</u> for designation	30% of students	50% of students
Earning industry certification by high school graduation	Not <u>taken into account</u> for designation	30% of students	50% of students
Earning postsecondary degree or postsecondary credential provided by an IHE or industry certificate by high school graduation	Not <u>taken into account</u> for designation	80% of graduating cohort of students	100% of graduating cohort of students
Participating in a Work-Based Learning placement/course by graduation	35% of students (by the fourth year of implementation)	50% of students	85% of students

P-TECH Designation Process

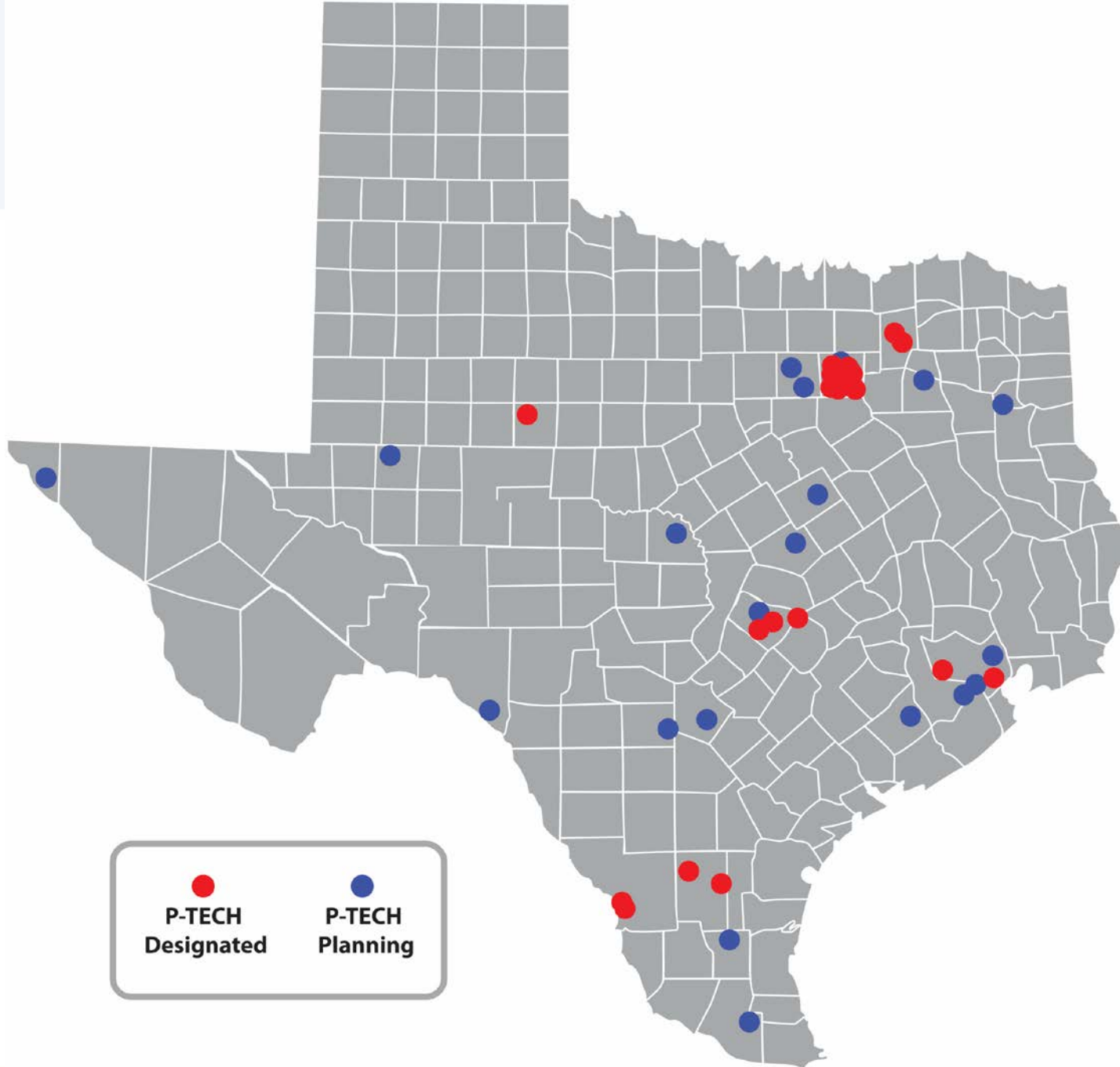


34 Designated Campuses

- 14 P-TECH Grantees

29 Planning Year Campuses

- 19 P-TECH Grantees





Edu Drone and Edu Vet Tech

- Work-based learning including FAA unmanned aerial vehicle license for wind turbine and Edu-Vet: A Veterinary Teaching Hospital
- Certifications including veterinary technician and wind turbine technician

Key Partners

- Western Texas College
- Texas A&M university College Station
- Texas Tech University
- New Amsterdam Global

~257 students served in the program

Biotechnology and Life Sciences (Health Science)

- Clinical rotations in: Radiology, Surgery, Emergency, Physical Therapy
- Certifications including: Pharmacy Technician, Certified Medical Assistant, Veterinary Technician, Phlebotomy Technician, Dental Hygienist

Key Partners

- El Centro College
- Methodist Richardson

~1,000 students served in the program



Appendix

P-TECH Planning Grantees (19)

- Austin ISD-Lanier High School
- Brooks County ISD-Falfurrias High School
- Brownsville ISD-Homer Hanna ECHS
- Brownsville ISD-Porter ECHS
- Everman ISD-Everman Collegiate High School
- Fort Worth ISD-TCC South Collegiate High School
- Fruitvale ISD-Fruitvale High School
- Lytle ISD-Lytle High School
- Midland ISD-Midland High School
- Monte Alto ISD-Monte Alto ECHS
- Pioneer Tech and Arts Academy-Fate Campus
- Priority Charter-Cedar Park Charter Academy
- Priority Charter-Cove Charter Academy
- Priority Charter-Temple Charter Academy
- Richardson ISD-J.J. Pearce High School
- Richardson-Lake Highlands High School
- San Antonio ISD-Sam Houston High School
- San Felipe-Del Rio CISD-Del Rio High School
- San Saba ISD-San Saba High School

P-TECH Success Grantees (14)

- Austin ISD-Crockett High School
- Dallas ISD-LG Pinkston High School
- Dallas ISD-Seagoville High School
- Dallas ISD-Wilmer-Hutchins High School
- Duncanville ISD-Duncanville High School
- Elgin ISD-Elgin High School
- Greenville ISD-Greenville High School
- Laredo ISD-Dr. Leonides G Cigarroa High School
- Pioneer Technology & Arts Academy-Greenville Campus
- Pioneer Technology & Arts Academy-Mesquite Campus
- Richardson ISD-Multiple High Schools
- Roscoe Collegiate ISD-Roscoe Collegiate High School
- San Diego ISD-San Diego ECHS

2018-2019 P-TECH Planning Year Designees (10)

- Aldine ISD-Rose M. Avalos Early College High School
- Clint ISD-Clint High School P-TECH
- Fabens ISD-Fabens High School/Cotton Valley ECHS
- Fort Bend ISD-Hightower Medical Science Academy
- Fort Bend ISD-Willow Ridge ECHS
- Houston ISD-South Early College High School
- Kilgore ISD-Kilgore High School P-TECH Academy
- Rapoport Academy-Meyer High School
- Wharton ISD-Wharton Industrial Connections Academy
- Ysleta ISD-Career Center at Riverside High School

2018-2019 P-TECH Designees (20)

- Alief-Hastings High School
- Austin ISD-LBJ ECHS
- Dallas ISD-Bryan Adams High School
- Dallas ISD-David Carter High School
- Dallas ISD-Emmett Conrad High School
- Dallas ISD-Roosevelt High School
- Dallas ISD-Hillcrest High School
- Dallas ISD-James Madison High School
- Dallas ISD-Justin Kimball High School
- Dallas ISD-Lincoln High School
- Dallas ISD-Moises Molina High School
- Dallas ISD-North Dallas High School
- Dallas ISD-Sunset High School
- Dallas ISD-Thomas Jefferson High School
- Dallas ISD-W.H. Adamson High School
- Dallas ISD-W. T. White High School
- Freer ISD-Freer High School
- Lancaster ISD-Lancaster High School
- Raul Yzaguirre School for Success
- United ISD-LBJ High School