



P-TECH Planning Application

2021-2022

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Background

District Affiliation

IRVING ISD

CD #: 057912

Region: 10

Mailing Address (Line 1): P O BOX 152637

Mailing Address (Line 2):

City, State, Zip: IRVING, TX 75015

School Affiliation

South Irving Collegiate Academy @ Dallas College

CDC #:

Region:

Mailing Address (Line 1): 1081 W Shady Grove Rd

Mailing Address (Line 2):

City, State, Zip: Irving, TX 75060

Academy Information

What is the academy name?

South Irving Collegiate Academy @ Dallas College

Which model does the district intend to implement at this time? Within these models, there are variations.

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

Do you plan to be a 4, 5 or 6 year academy?

4

Campuses participate in the Planning Year during the 2021-2022 school year and begin serving students under the P-TECH model during the 2022-2023 school year. What grade level(s) does your academy plan to serve in the 2022-2023 school year?

9

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

125

Contacts

Applicant

Applicant 1

Job Title

Director of Guidance, Counseling, & College Readiness

Name Prefix

Dr.

First Name

Tracey

Last Name

Brown

Email

trbrown@irvingisd.net

Phone

9726005025

Principal

Principal 1

Name Prefix

Mr.

First Name

Eber

Last Name

Perla

Email

eperla@irvingisd.net

Phone

9726005000

Superintendent

Superintendent 1

Name Prefix

Ms.

First Name

Magda

Last Name

Hernandez

Email

mhernandez@irvingisd.net

Phone

9726005000

IHE

The P-TECH academy 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

Dallas College

Name Prefix

Mrs.

First Name

Tiffany

Last Name

Kirksey

Email

Tiffany.kirksey@dcccd.edu

Phone

972-273-3028

Job Title

Dean of Student Support Services

Does the campus have an established partnership with an IHE partner?

Yes

Business/Industry Partner

Does the campus have an established partnership with a business/industry partner?

Yes

Business Partner 1

Affiliation/Company

Texas Instruments

Job Title

Grant Partnership Consultant

Name Prefix

Mr.

First Name

Eric

Last Name

Batten

Email

ebatten@ti.com

Phone

(469)964-6601

Narratives

Current Designations at IRVING ISD:

- JACK E SINGLEY ACADEMY - ECHS - 1920
- JACK E SINGLEY ACADEMY - T-STEM - 0910

Previous Planning Year Applications at IRVING ISD:

CCRSM Network Affiliation

Describe how and why your campus made the decision to apply for a Planning Year. Include the stakeholders that were involved in the decision process.

In the Fall of 2019, a committee was formed to discuss ways we could expand access and equity for our Irving ISD students. Members of the committee included the Superintendent of Schools, Chief of Schools, Chief Learning Officer, Assistant Chief of High Schools, Director of Guidance, Counseling, & College Readiness, Director of Career and Technical Education, high school principals, and high school counselors. The Irving ISD leadership team met with North Lake College to discuss various pathways to college and career that would meet labor market demands and provide students a pathway to high wage jobs upon completion of high school. The Irving ISD leadership team toured facilities at Northlake South Campus and discussed the use of their facilities to accommodate students who are interested in pursuing a postsecondary degree, while simultaneously completing their high school diploma. As discussions resumed at the start of the 2020-2021 school year, the Irving ISD Director of Career and Technical Education met with Texas Instruments to explore the possibility of engaging students in work-based learning opportunities to prepare them for high paying jobs immediately after high school graduation. As a result of our collaborative efforts with Dallas College and Texas Instruments, we believe the opening of a P-Tech high school will help us serve the needs of our students and meet labor market demands in the career and technology fields. Our district elected to apply for a planning year to adequately research the P-TECH model and ensure proper implementation of the blueprint.

Narratives: Curriculum and Support

Curriculum and Support

The P-TECH academy will provide wrap-around strategies and services involving multiple stakeholders (parents, teachers, counselors, community members, etc.) to strengthen both the academic, technical, and individual support for students for students to be successful in rigorous academic and work-based learning experiences. Describe how the campus plans to provide students with layered academic support by personalizing their learning environment. Examples include developing individualized student plans, academic support for intervention/remediation/acceleration, tutoring for identified students in need, application/financial aid/college/career counseling, advisory and/or college readiness support time built into program of study, providing bridge programs, and establishing an industry mentorship program.

Through partnerships with multiple stakeholders, we plan to offer students daily opportunities for positive relationship-building. Students will have daily opportunities to interact with their peers, teachers, counselors, administrators, and staff members in a healthy and meaningful way. To foster this initiative, we will build in wrap-around services and supports needed to help remove barriers to students' learning and growth. We have selected a principal who has experience in the P-Tech learning environment. We plan to hire a counselor who can collaborate with Dallas College and Texas Instruments to build out crosswalks and educate students on their options for attending South Irving Collegiate Academy at Dallas College. We will make every effort to hire highly qualified teachers who have the credentials to teach both high school and college credits. Parent education sessions will also be crucial as we equip parents with the information they need to support their child's educational experience. Students will have access to a College, Career, & Military coach to assist students with developing their pathway to earning their Associate's degree and advise on the benefits of earning an industry-based certification. Additionally, all incoming students will attend a summer bridge program in order to prepare students for the TSI-A, establish a culture of high expectations, and address social and emotional needs. The summer bridge program will also serve as an orientation to the college technology platforms and college grading expectations.

Describe how the campus plans to provide students with wrap-around strategies and services. Examples include connections to social services, parent outreach and involvement opportunities, structured program of community services, and skill building instruction for students involving multiple stakeholders (parents, teachers, counselors, community members, IHE partner, Business/Industry partner, etc.). Include the role that each stakeholder will serve within these wrap-around strategies and services.

South Irving Collegiate Academy at Dallas College will be staffed with support personnel who will assist students throughout the duration of the program. Our school counselors will promote positive mindsets and behaviors students need to attain, as they work to advise students in the development of their four-year plans, endorsements, college and career plans. A college, career, and military readiness coach will be on hand to provide one-on-one advisement sessions and to assist students with dual credit registration and enrollment. Counselors and CCMR coaches will provide academic advisement training sessions for parents to ensure they have the information they need to help their child make the transition from middle school, to high school, and ultimately a career. We will rely on our business and

industry partner to expose students to career-preparedness experiences that include job shadowing, career day guest speakers, and mentoring.

Narratives: Advanced Academics, TSIA

TSIA

Is the campus planning on becoming a TSIA testing site?

Yes

Describe how the campus plans to continuously monitor and improve implemented plans for TSI success, ensuring the academy is on track to towards meeting the Blueprint "TSI College Readiness Standard" with the Achievement outcomes-based measure?

We recognize students will need the knowledge and skills necessary to master college-level coursework. Our goal for South Irving Collegiate Academy at Dallas College is to offer tutoring sessions and college preparation opportunities to assist students with meeting TSI indicators. We understand this will be a vital step in closing the achievement gap for our students as we work to ensure their mastery of college-level coursework leading to the anticipated Associate's degree or industry-based certification. We will ensure our teachers and staff are trained on the new TSIA 2.0 exam. We will also monitor and assess the number of students who are not TSI met and provide tutoring support for those who struggle to grasp the knowledge and skills needed to become TSI met. All students will have an individual student profile created to ensure we are providing updates to our parents, students and teachers on who has not yet become TSI met. In addition to tutoring, we will also encourage our students to use the resources provided by Dallas College. Many of the campuses provide TSI Bootcamps on Saturdays so we will encourage our students to participate. Dallas College also can send an instructor on-site to provide these boot camps to our students.

Advanced Academics

Select the type of advanced courses (dual credit/AP/IB) your campus plans to offer students in 2021-2022.

DC

What type of dual credit courses does your campus plan to offer?

WECM

Do you anticipate having teachers qualified to teach dual credit courses in English, Math, and in other subject during the 2021-2022 school year?

I anticipate I will have teachers that are qualified to teach dual credit courses in English

Strongly agree

I anticipate I will have teachers that are qualified to teach dual credit courses in Math

Strongly agree

I anticipate I will have teachers that are qualified to teach dual credit courses in other subjects

Strongly agree

List the policies and practices your academy will implement to expand and retain teachers that are qualified to teach dual credit.

Recruitment efforts in Irving ISD will focus on teachers who are highly qualified to teach dual credit and career and technical education courses. Teachers will be identified based on required certification and training necessary for course offerings. The principal and school counselor will work closely with Dallas College to credential teachers. Dallas College will provide support and orientation for teachers, facilitators, and staff to prepare them to serve students at South Irving College Academy at Dallas College. Teacher recruitment will occur via recruitment fairs, district web pages, word of mouth and through social media platforms.

Narratives: Work-Based Learning

Work-Based Learning

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

9th Grade Activities

Career Fairs

Mentorships

Job Shadowing

The P-TECH requires that academies offer work-based learning at every grade level. Work-

based learning may include, but is not limited to: facility visits, guest speakers, presentations, career information, career fairs, informational interviewing, job shadowing, internships, mentorships, and apprenticeships.

Narratives: Regional Workforce Alignment

Regional Workforce Alignment

The P-TECH academy shall collaborate with the local workforce development board, local chamber of commerce, and local workforce industry representatives to define local workforce needs. Have you worked with a regional workforce board or other relevant organization to establish regional workforce needs that the P-TECH academy could serve?

Yes

List the regional high demand occupations your campus would propose to align with program offerings.

Our goal is to equip our students with the knowledge and skills necessary to meet regional workforce needs. In collaboration with the Local Workforce Development Board, Chamber of Commerce, and our business industry partner, we have identified the following occupations that align with our program offerings: 1. Advanced Mechatronics: Electrical & Electronics Techs 2. Electrical Engineering: Electrical & Electronics Techs The following statement reflects feedback received from Workforce Solutions Greater Dallas: Workforce Solutions Greater Dallas, WFSDallas, is the Workforce Board for Dallas County. We are in support of both career paths. Both show strong growth, lead to high wages, and perfectly align with our strategic plan. In addition, both career paths are part of Regional Workforce Leadership Council industry clusters. The RWLC is a collaboration of Workforce Boards, Chambers of Commerce, Education and Employers brought together to share information and collaboratively design solutions to meet the workforce needs in the area. We support these two career paths and please let us know if you need additional information. Richard Perez Research Manager Workforce Solutions Greater Dallas 214-290-1027 direct References: <https://d1qmdf3vop2l07.cloudfront.net/vermillion-monkey.cloudvent.net/hash-store/4cb000dae2f91a2ea3a72aff8ca0260d.pdf>
<https://d1qmdf3vop2l07.cloudfront.net/vermillion-monkey.cloudvent.net/hash-store/19f8443cf394edf1b8a51b6bedda6ff6.pdf>

Describe how the regional high demand occupations align with the associate degree(s) and/or industry certification(s) your academy plans to offer.

Item

Advanced Mechatronics (A.A.S.)/Level I Certificate - mechatronics technician, Richard Perez, Research Manager for the Dallas local workforce development board holds that this pathway shows

strong growth and leads to high wages and perfectly aligns with our local workforce boards strategic plan. In addition, this career path is one of the Regional Workforce Leadership Council industry clusters.

Electrical Engineering (A.A.S.) - electrical engineering technician, Richard Perez, Research Manager for the Dallas local workforce development board holds that this pathway shows strong growth and leads to high wages and perfectly aligns with our local workforce boards strategic plan. In addition, this career path is one of the Regional Workforce Leadership Council industry clusters.

Narratives: Degrees and Credentials

Degrees and Credentials

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

Manufacturing
STEM

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

Advanced Manufacturing and Machinery Mechanics
Engineering
Manufacturing Technology

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

Engineering

Select the endorsements that your academy plans to offer in 2021-2022.

STEM
Business and Industry

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

AD
PSC

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

Item

Advanced Manufacturing and Mechatronics Technology

What associate degree(s) does the academy plan to offer?

Item

Mechatronics, Robotics, and Automation Engineering

Electrical Engineering

Narratives: Recruitment and Enrollment, Leadership Team

Leadership Team

The P-TECH academy shall establish a leadership team that includes high-level personnel from the school district, campus, industry/business partners, and IHE with decision-making authority who meet regularly and report to each organization.

Does the campus currently have a leadership team?

Yes

Identify the individuals and their job titles who currently serve on this school's leadership team. Individuals should have decision-making authority for the school, IHE, or business partner they represent. Applicants may enter up to eight individuals. Applicants are encouraged to list one Leadership Team member per organization

Name	Title	Organization
Magda Hernandez	Superintendent	Irving ISD
Dr. Jeannine Porter	Deputy Superintendent of School Leadership	Irving ISD
Dr. Tracey Brown	Director of Guidance, Counseling, & College Readiness	Irving ISD
Travis Waddell	Director of Career & Technical Education	Irving ISD
Eric Batten	Grants Consultant	Texas Instruments
Dr. Shawnda Floyd	Provost	Dallas College
Eber Perla	Principal	Irving ISD

Name	Title	Organization
Melba Little	Executive Director of Academic Support Services	Irving ISD

Provide a timeline for leaderships meetings over the 2021-2022 planning year. Include topics that will be discussed.

Date	Topics to be discussed
May 2021	ISD/IHE/Industry Partner meet to discuss strategies and develop a timeline for meeting blueprint design elements, products and provisional OBM targets
July 2021	ISD/IHE/Industry Partner meet to discuss the needs of the both the district, IHE, and industry partner
August 2021	ISD leadership meet to discuss long-term funding and develop a plan and timeline to meet Blueprint design elements
September 2021	ISD/IHE meet to finalize course of study crosswalk and student attainment of industry certification and draft MOU
October 2021	ISD/IHE/Industry Partner meet to review MOU; ISD meet to discuss student enrollment, recruitment, and public relations plan
January 2021	ISD meet to finalize student recruitment plan, enrollment
March 2021	ISD meet to discuss student selection and finalize OBMs
May 2021	ISD meet to discuss student selection and finalize OBMs
August 2021	ISD/IHE/Industry Partner meet to finalize planning year and blueprint activities

Recruitment and Enrollment

The P-TECH academy shall be open enrollment for all students. Recruitment and enrollment processes shall identify, recruit, and enroll subpopulations of at-risk students (as defined by PEIMS), including, but not limited to, students who are of limited English proficiency, students with disabilities, or students who have failed a state administered assessment. In addition to those who are at risk as defined by PEIMS, the P-TECH shall identify, recruit and enroll subpopulations that are historically underrepresented in college courses. Enrollment decisions shall not be based on state assessment scores, discipline history, teacher recommendation, parent or student essays, minimum grade point average (GPA), or other criteria that create barriers for student enrollment.

Describe plans to establish a recruitment, student/community outreach, and enrollment process that will meet open enrollment requirements. When describing these plans, include the role each IHE and/or business industry partner will serve throughout the recruitment, community/student outreach, and enrollment process.

The South Irving Collegiate Academy at Dallas College team will continually educate the public, educators in Irving ISD, and our industry partners so that all are able to help market the program to potential students. The team will recruit students through a series of events including but not limited to middle school visits, high school preview nights, and townhall meetings. We will extend the invitation to our industry partners and college to discuss workplace learning and course offerings. The South Irving Collegiate Academy at Dallas College will be an open enrollment campus. Our enrollment process will include an application, an interest profile, and a parent/student conference. The application requires basic contact and demographic information to ensure historically underrepresented students in college are seeking admission into the program. The interest profile will be used as a tool to ensure alignment between student interests' and pathway offerings. The parent/student conference will be utilized to begin to establish a relationship between the family and the school. We will also utilize that time to review interest profile results and discuss pathway offerings to assist families with making an informed decision. We strongly believe that time spent to meet with the families will help develop a strong relationship and allow families to make an informed decision. Our processes will be designed to ensure we meet the Access Outcome-Based Measures specified in the PTECH Blueprint.
