



HIGHTOWER H S
P-TECH Renewal Application
2023-2024

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Background

District Affiliation

FORT BEND ISD

CD #: 079907

Region: 04

Mailing Address (Line 1): 16431 LEXINGTON BLVD

Mailing Address (Line 2):

City, State, Zip: SUGAR LAND, TX 77479

School Affiliation

HIGHTOWER H S

CDC #: 079-907-008

Region:

Mailing Address (Line 1): 3333 HURRICANE LN

Mailing Address (Line 2):

City, State, Zip: MISSOURI CITY, TX 77459

Academy Information

What is the academy name?

Pathways in Technology at Hightower High School

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

School-Within-School (SWS) - A subset of students on the campus are enrolled in grades 9-12 are enrolled in the academy.

Grade Levels Served

What grade level(s) will your academy plan to serve?

9
10
11
12

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

150

Enter the number of students that you plan to serve in 10th grade.

125

Enter the number of students that you plan to serve in 11th grade.

60

Enter the number of students that you plan to serve in 12th grade.

60

Contacts

Applicant

Applicant 1

Job Title

Assistant Director, Social-Emotional Learning & Enrichment Programs

Name Prefix

Dr.

First Name

Alan

Last Name

Thompson

Email

Alan.Thompson@fortbendisd.com

Phone

281-634-5448

Principal

Principal 1

Name Prefix

Dr.

First Name

Sharon

Last Name

Delesbore

Email

Sharon.Delesbore@fortbendisd.com

Phone

281-634-5243

Superintendent

Superintendent 1

Name Prefix

Dr.

First Name

Christie

Last Name

Whitbeck

Email

Christie.Whitbeck@fortbendisd.com

Phone

281-634-1000

Narratives

Narratives

The majority of the following questions will be narrative response. Narrative responses are limited to a maximum of 250 words. We recommend writing your responses in a text-editing software such as Microsoft Word and then pasting your responses into the website when they are complete. Progress to the next section when you are ready.

Narratives: Degrees and Credentials, Recruitment and Enrollment

Degrees and Credentials

Select the Career Cluster(s) that your academy plans to offer.

Health Science

Select the Program(s) of Study your academy plans to offer.

Healthcare Therapeutic

Which of the following credential(s) does the academy plan to offer students?

AD

IC

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

Item

Health Professions

What industry certifications does the academy plan to offer?

Item

Microsoft Office Specialist Excel

Microsoft Office Specialist Word

Certified Coding Associate

Medical Coding and Billing Specialist

Clinical Medical Assistant

Does the IHE partner currently have an articulation agreement with a four-year IHE detailing how a student's associate degree and accrued credits could lead to a baccalaureate degree?

No

Recruitment and Enrollment

Describe any changes in established plans for recruitment and enrollment process that meet open enrollment requirements.

We have added brochures in Urdu and Vietnamese to support the diversity of our district, are working with middle schools that are zoned to the campus to begin recruitment in 6th grade with community and campus events, created online events to make it easier for families to attend recruitment events, and we have launched an online application process for ease of access and utilization of a blind lottery. Videos of each program and recordings of recruitment open house events have also been created and are being added to the program websites. High school and district staff visit every middle school in the district, spend a day speaking with students during their PE class, and providing printed materials that students can take home to their parents to share the opportunity to participate in P-TECH or ECHS. Middle school principals and their administrative teams are identifying candidates and personally recommending they apply for the program. This personal letter will motivate students who might not otherwise see themselves in this program to apply and provide the student with confidence in themselves in achieving their post secondary opportunities as well as help further their ability to earn a Bachelor's degree.

Narratives: Strategic Partnerships: IHE, Strategic Partnerships: Business Partner, Business Partners: Hiring Priority

Strategic Partnerships: Business Partner

Business/Industry Partner 1

Affiliation/Company

Genesys Works

Job Title

Director of Strategic Planning

Name Prefix

Mrs.

First Name

Wendy

Last Name

Brooks

Email

Wbrooks@genesysworks.org

Phone

7132483033

Describe how the Business/Industry articulation agreement addresses the following Business/Industry Blueprint Requirements: Clear roles and responsibilities for work site supervisors, mentors, teachers, support personnel, and other partners.

Genesys Works will provide mentors, teachers, and support personnel to offer evening training to students. One-on-one weekly meetings occur between a Genesys Works Coach and each student regarding preparation for interviews and finding year long paid internships. They will also provide opportunities for the CTE Leadership Team members to observe students in the training program, and for teacher supervisors to visit students on the job. Site supervisors roles will depend on the company students are placed with.

Describe how the Business/Industry articulation agreement addresses the following Business/Industry Blueprint Requirements: Support for students' activities, such a clubs, Career and Technical Student Organizations, competitions, and special invitations.

This is currently being developed to offer the best opportunity for our students as we progress through the program. Currently Genesys Works will work with students on their internships to develop schedules that will allow for participation in clubs as well as CTE organizations and associated competitions.

Describe how the Business/Industry articulation agreement addresses the following Business/Industry Blueprint Requirements: Student access to business and industry partners and work-based learning facilities, services, and resources.

Genesys Works places students with internships with one of their 55 corporate partners. A few of the corporations within their partner organizations are: Conoco Phillips, Harris County Appraisal District, Sysco Corporation, and Quantar Services

Describe how the Business/Industry articulation agreement addresses the following Business/Industry Blueprint Requirements: Transportation fees and costs.

According to the agreement, transportation to and from job sites on an as needed basis to be determined mutually by Fort Bend ISD and each partnering company. This will be the second year for internships to occur and we are in the planning stages to mutually agree upon transportation to internship locations.

The P-TECH 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

Houston Community College

Name Prefix

Ms.

First Name

Athena

Last Name

Walker-Powell

Email

Athena.Walkerpowell@hccs.edu

Phone

713-718-8618

Job Title

P-16 Director

Describe how the IHE articulation agreement addresses the following IHE Blueprint Requirement: Curriculum alignment and courses of study, which enables a student to combine high school courses and college-level courses to earn either an associate degree, postsecondary certificate provided by an IHE, or industry certification.

The Memorandum of Understanding states that Houston Community College will ensure that all FBISD dual credit courses and the corresponding course offered at Houston Community College are equivalent with respect to the curriculum, materials, instruction, method/rigor, and student evaluations. Houston Community College will provide curriculum, common assessments, and identify textbooks. Classes will be offered on the high school campus through embedded instructors or traveling adjuncts, at the local Houston Community College campus, and online. Houston Community College will offer tutoring services and locations for students. Houston Community College will provide TSIA2 tutoring materials and preparation programs.

Describe how the IHE articulation agreement addresses the following IHE Blueprint Requirements: Policies for: 1) advising students on the transferability of all college credit offered and earned, 2) ensuring the IHE transcripts college credit earned through dual credit in the same semester that credit is earned, 3) advising students as to the transferability and applicability to baccalaureate degree plans for all college credit offered and earned (college credits earned during high school should allow students to progress from an associate degree to a bachelor's degree and beyond in their chosen field), 4) students accessing the IHE facilities, services and resources

1. Houston Community College (HCC) has counselors on the HS and HCC campuses once a week for the school year to meet with students to discuss their degree plans and credits earned and how it can be transferred to baccalaureate programs. 2. Three days after the end of the Houston Community College semester grades and credits earned are sent to campus and district registrars, program deans, and the district coordinator. 3. Students will meet continually with their Houston Community College counselor and HS campus counselor and program dean to ensure the student is aware and utilizing the knowledge that their high school dual credit courses have transferability and applicability to baccalaureate degree plans. The program dean will also establish college visits to local universities for students to be able to speak directly to college advisors. 4. Students are given a tour of the Houston Community College campus, receive a library tour, a Houston Community College ID, are able to access the Houston Community College website to utilize the resources, and attend classes on a Houston Community College campus.

Describe how the IHE articulation agreement addresses the following IHE Blueprint Requirements: Transportation costs and fees including provisions for discontinuing operation while ensuring students previously enrolled will have opportunity to complete their course of study.

Transportation costs and fees are handled by Fort Bend Independent School District. The cost of all fees are waived for the students involved in the P-TECH program. If there is a discontinuation of operations, any student currently in the program will be able to finish the program and complete all dual credit classes and certifications.

Describe how the IHE articulation agreement addresses the following IHE Blueprint Requirements: Data sharing agreement that includes provisions for teacher data such as qualifications and student level data such as credit hours taken and earned, GPA, formative data to assess if student is on track for college readiness

The scope of the data sharing between Houston Community College and the P-TECH at Hightower High School addressed in this Agreement is limited to the following: Student Identifier (First Name, Last Name, Middle Initial, Social Security Number (SSN) or other student record identifier), DOB, and Semester End Date. Dual Credit Course(s) Enrollment/Completion Information: Course name, Course ID, Instructional Mode, Semester Grade, Semester & Cumulative GPA, Houston Community College Program and Plan, Associate Degree Earned, and License Awarded, Certification Awarded. Indicators of Student Academic Standing: Early Alert, Academic Probation/Suspension, Dean's List and Eligibility for Academic Honors. Provide the P-Tech at Hightower High School with TSIA2 diagnostic results of any P-Tech High School student who tests at Houston Community College. The PTECH at Hightower High School will provide: Enrollment information for all students: first name, last name, middle initial, Texas Student Data Systems (TSDS) number or other student record identifier, date of birth (DOB), meningitis immunization record, high school attendance, including semester identifiers, date of high school graduation, endorsement areas of each student, special group identification, for example Futures Academy or P-TECH Early College High School and cumulative GPAs. Houston Community College will provide persistence data: student identifier, semester identifier, enrolled in credit course this semester, and available TSIA2/diagnostic results of students tested from P-TECH at Hightower High School , as available.

Business Partners: Hiring Priority

List the business partner(s) that have an agreement with the district that students completing the P-TECH program and otherwise meet hiring requirements have priority interviewing with the employer.

Business Partner

Genesys Works

Narratives: Regional Workforce Alignment, Work-Based Learning

Work-Based Learning

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

9th Grade Activities

Industry discussions with business and community partners

Add up to three activities offered to 10th grade students.

10th Grade Activities

Onsite and Virtual visits to local businesses

Industry discussions with business and community partners

Add up to three activities offered to 11th grade students.

11th Grade Activities

Practicum experiences

Onsite and Virtual visits to local businesses

Add up to three activities offered to 12th grade students.

12th Grade Activities

Practicum experiences

Job counseling

College counseling

Regional Workforce Alignment

List the regional high-demand occupations your academy intends to address through selected program(s) of study and work-based learning.

Regional High-Demand Occupation

Medical Assistant

Narratives: Advanced Academics

Advanced Academics

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

DC

AP

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

AGCM

Describe any challenges in ensuring your academy has educators with qualification to teach dual credit. What steps did your academy take to address the need?

Houston Community College provides our P-TECH with adjunct professors to provide our students a college going experience both on the HS and HCC campuses. Additionally, we have a goal of facilitating the growth of our own embedded faculty to teach courses on the HS campus. The challenge is finding embedded teachers, with the necessary masters degree hours needed for teaching a dual credit course on the high school campus. Finding teachers with Masters degrees that

would qualify for the needed hours and classes is difficult for science and math classes; therefore, we are reaching out and actively recruiting through our own teachers and at teaching fairs. We are developing a plan to reach out to local colleges in identifying masters degree program students who are interested in teaching. We have applied and were awarded a grant by TEA to support teachers with earning their masters degrees or the 18 required hours outside of their already earned masters to qualify to teach our P-TECH courses in math, social studies, science, and humanities.

Is the academy a TSIA testing site?

Yes

Narratives: Curriculum and Support

Curriculum and Support

Provide examples of how the campus plans to provide students with academic services. List activities and brief descriptions of the activities. Add a new row for each provided service.

Activity	Description
Individualized Growth Plans	Learning plans specific to their TSIA2 Score Reports, and academic checks throughout the year.
Tutorials	Each subject offers tutorials once or twice a week and then as needed by students schedules. Tutorials are before and after school, and during lunches or advisory periods.
TSIA Tutorials	Students attend TSIA2 tutorials which rotate weekly between each applicable subject matter. These are before and after school and during lunch or advisory times.
AVID Strategies	Utilize AVID strategies to help students transition to college level courses. Interventions are also worked into AVID class periods to give targeted interventions during the school day.
Differentiated Class Instruction	Teachers in all classes utilize data to structure differentiated classroom activities and lessons to meet students needs,
Summer Bridge for incoming 9th graders	Incoming students spend a week where they get to know the high school and HCC campuses, HCC staff, HS campus staff, current P-TECH students, and attend a workshop to develop TSIA2 strategies.
Summer Bridge for all students	Prep for upcoming Dual Credit classes, work on any areas of opportunity for support to ensure student success, and TSIA2 prep support.

Provide examples of how the campus plans to provide students with wrap-around services. List activities and brief descriptions of the activities. Add a new row for each wrap-around service.

Activity	Description
Mental Health Services	All students are free to access mental health services from mental health professionals that are a higher level of support for students and families in need.
Parent Meetings with the Campus and IHE	Meetings to inform parents of the program, the IHE's roles, recommendations and resources for parents to help support their student, and progress check-ins about how their student is meeting the requirements of the program.
Parent Nights on Campus and Virtually	Parents and students work with the program counselor and dean for information on and steps necessary for course selection and how to complete any necessary forms for both the HS campus and Houston Community College. They also learn about future classes they will take or additional opportunities.
Degree Path Counseling	The HS campus counselor and dean meet with students and parents to discuss their choices on individualized degree plans, meeting to help students and parents talk about grades needed for courses, and the strengths and areas of growth for the student.
Recruitment Activities	Students, who are more seasoned in the P-TECH program, volunteer their time to go to campuses physically or virtually as well as volunteering at the open houses and community fair nights. Current P-TECH students meet with interested students and parents about the program, and to answer any questions the potential student and parent have.
Volunteer Opportunities through AVID	AVID provides students volunteer opportunities through non profit organizations during the school year.

How does your academy use the access, achievement, and attainment data for program improvement?

The Pathways in Technology at Hightower uses TSIA2 data to structure students educational growth plans throughout the year. We provide students with differentiated and unique classroom experiences to target areas of growth. We speak with students regularly about their experiences and utilize their responses to determine how to make improvements to the program. Teachers use summative and formative assessments, and TSIA2 data to monitor student growth and program progress, structure interventions, and create differentiated instruction to best meet student and program needs in order to determine better ways to support our students and the program while working to improve practices for our program of choice schools.

Narratives: Leadership Team

Leadership Team

List the Leadership Team's three priorities for the next year and describe how the selected priority contributes to the academy's success. Each priority should be a benchmark from the ECHS/T-STEM/P-TECH Blueprint.

Benchmark	Description
Student Support	In order to build sustainability within our program, the continuous support for our students is paramount. Providing tutorials and TSIA2 support for our current Early College High School students can make the difference in their success. Strengthening our summer bridge program to assist our incoming 9th graders with the high school transition. Working with our IHE to monitor and support students in Dual Credit courses. Offering summer school opportunities for all students to keep them academically caught up to graduate with an associates degree and high school diploma as planned with their cohort.
School Design	Establish systems and procedures that allow the transition of rising sophomore students taking HCC dual credit classes at HHS and at HCC with embedded teachers and professors from the IHE. Additionally, a smaller cohorted learning community within the larger high school for Early College High School students was created in order to provide support for student success.
Curriculum, Instruction, and Assessment	It is imperative that we have organizations that are able to assist our students in developing the skills and or skill sets that employers in the Gulf South require. The alliances and mentoring are important for us to generate a pipeline of interest. Expansion of our advisory board is necessary to get a diverse group of people from our region who can advise, direct and provide opportunities for our students via partners.

Narratives: Benchmark Products

Benchmark Products

On this page, you must provide a hyperlink to the location where your digital products corresponding to the product and activities that are required to be posted by the first day of serving students. Enter the hyperlink here. Hyperlinks must be entered with the fully qualified URL including "HTTP://" or "HTTPS://".

<https://www.fortbendisd.com/Domain/15932>

