

PTECH Planning Meeting- Jones Futures Academy

November 18, 2021

Agenda

Benchmark 1: School Design

The P-TECH 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

Benchmark 2: Target Population

The P-TECH program shall serve, or include plans to scale up to serve students in Grades 9-14, and shall target and enroll students who are at risk of dropping out of school as defined by the Public Education Information Systems (PEIMS) and who might not otherwise go to college

Benchmark 3: Strategic Alliances

Strategic partnerships with business and industry partners and IHEs are formally articulated in writing and clearly define a variety of careers

Benchmark 4: Curriculum, Instruction, and Assessment

The P-TECH program shall provide a rigorous course of study that enables a participating student to receive a high school diploma, an associate degree, postsecondary certificate provided by an IHE, or industry certification during Grades 9-14

Next Meeting

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Updates

Benchmark 1: School Design

The P-TECH 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

- Affiliation Agreement with Houston Community College Update – G. Scott
 - Equipment Update
 - Are there any accreditation requirements needed to be aware of when considering equipment and setting up lab?
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Benchmark 2: Target Population

The P-TECH program shall serve, or include plans to scale up to serve students in Grades 9-14, and shall target and enroll students who are at risk of dropping out of school as defined by the Public Education Information Systems (PEIMS) and who might not otherwise go to college

- Recruitment Updates
 - Application Process – A. Banks
 - Recruiting video with Business Partners (TikTok?)
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Benchmark 3: Strategic Alliances

Strategic partnerships with business and industry partners and IHEs are formally articulated in writing and clearly define a variety of careers

- Work-Based Learning plans for 9th graders
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WORK-BASED LEARNING CONTINUUM

P-TECH students are provided a range of opportunities across the continuum through partnerships with employers and community or governmental organizations. This chart lists all of the activities across the continuum, whether they happen in the classroom, community or the workplace.

ACTIVITIES

CAREER AWARENESS

Classroom Learning

- Career Awareness Lessons
- Career Research
- Guest Speakers
- Professional Skills Development

Community Activities

- Career Fairs
- College Visits
- Community Resource Awareness

Workplace Learning

- Career Mentor
- Workplace Tour

CAREER EXPLORATION

Classroom Learning

- Career Exploration Lessons
- Career Guidance
- Career-Related Projects
- Industry Research

Community Activities

- Community Service
- Mock Interview
- Out-of-School-Time Activities

Workplace Learning

- Informational Interview
- Job Shadow

CAREER PREPARATION

Classroom Learning

- Career Coaching
- Occupational Training
- Technical Skills Training
- Work Readiness Activities

Community Activities

- Volunteering
- Competitions
- Industry Certification

Workplace Learning

- Workplace Challenge
 - Internship
 - Work Experience/Co-Op
 - Apprenticeship
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Benchmark 4: Curriculum, Instruction, and Assessment

The P-TECH program shall provide a rigorous course of study that enables a participating student to receive a high school diploma, an associate degree, postsecondary certificate provided by an IHE, or industry certification during Grades 9-14

- Review College and Career Pathways
 - Curriculum alignment documents
 - Courses of study examples (pathways from high school to Associate Degrees to work credentials and beyond)

Architecture & Construction								
Level I Certificate - Heating, Air Conditioning & Refrigeration - Basic								
						Do Not Recommend Dual Credit		
Fall - 9th grade	Principles of Construction	13004220						
Spring - 9th grade	Principles of Construction	13004220	ELPT	1315	Electrical Calculations I	3.00	None	No TSI
Fall - 10th grade	HVAC and Refrigeration Technology I	13005800	HART	1301	Basic Electricity for HVAC	3.00	None	No TSI
Spring - 10th grade	HVAC and Refrigeration Technology I	13005800	HART	1356	EPA Recovery Certification Preparation	3.00	None	No TSI
Fall - 11th grade	HVAC and Refrigeration Technology II	13005900	HART	1303	Air Conditioning Control Principles	3.00	None	No TSI
Spring - 11th grade	HVAC and Refrigeration Technology II	13005900	HART	1307	Refrigeration Principles	3.00	None	No TSI
Fall - 12th grade	Practicum in Construction Technology	13005250	HART	1341	Residential Air Conditioning (Capstone)	3.00	None	No TSI
Spring - 12th grade	Practicum in Construction Technology	13005250	HART	1245	Gas & Electric Heating	3.00	None	No TSI
Courses still needed to complete community college credential						HCC credential has been completed		

Next Meeting

January 20, 2022

9:00 am – 11:00 am