Priority Charter Schools PTECH Academies Roles and Responsibilities

PCS PTECH Academies Job Description

P-TECH students will be prepared to begin careers in a range of exciting, competitive **jobs** in the IT and Architecture/Construction industry. Every **position**—including, but not limited to Manufacturing, Engineering, Construction Management, Cybersecurity, Computer-Aided Design/Drafting, Quality Analyst and Software Specialist—requires an IT professional and architecture/construction, who can perform complex **technical and managerial** tasks, work within a team and solve problems.

PCS PTECH Academies Advisory Board Roles and Responsibilities

The PCS Priority PTECH Academies School Advisory Board promotes collaboration between businesses, nonprofits, and P-TECH and its core partners, in guiding and/or providing the following essential functions:

- Internships for eligible P-TECH students and encourages other businesses to provide internships for all other eligible students (with a goal of 100% of eligible students placed in internship, externships, and job shadowing opportunities).

- Professional mentors who can provide career, academic and/or social guidance and support for students.

- Worksite visits that provide students, teachers and staff with a real sense of what a career in IT and Architecture/Construction means and provides.
- Speakers who can provide advice and insights on key industry and workplace topics.
- Project-based learning projects and support as well as participation in student conferences and classroom work.
- Professional expertise to support the unique PTECH curriculum with periodic reviews and updates that ensure that the curriculum will provide students with the skills that they require for in-demand jobs in the IT and Architecture/Construction sector.
- Professional development and technical assistance to give teachers adequate growth opportunities.
- Encouragement that employers support PCS PTECH Academies efforts company-wide and facilitates the relationship between the school and its partner-employers.

PCS PTECH Academies Roles and Responsibilities of Design Team

- Develop and create school design model.
- Curriculum alignment (crosswalks) and planning working IHE and industry partners.
- Identifying specific skills that college faculty see important for student success.
- Identifying specific entry-level college courses and skills needed for student success.
- Assigning and reviewing teaching strategies and classroom technologies for student success.

- Instituting instructional practices for faculty and staff
- Identify effective professional development opportunities for staff

PCS PTECH Academies Leadership Team Roles and Responsibilities

- Committing to fully implement the P-TECH model and blueprint;
- Forming a strong partnership, documented in a formal agreement, with the higher education and business partners and any other community partners;
- Recruiting at-risk and other under-represented students for enrollment;
- Identifying potential staff who have demonstrated the ability to drive exceptional student outcomes; are dedicated to working with under-served students and their families; can provide the leadership skills essential for program success; and can integrate high school, college and work-based learning experiences, and working with the industry and higher education partners;
- Working with higher education and industry partners to develop a seamless scope and sequence of courses that enable all students to earn an A.A.S. degree within four to six years and that includes workplace learning;
- Establishing a college-going culture for all students, which requires engaging students in college coursework, tutoring and advising, and instruction on key "college knowledge" academic and personal behaviors such as time management, collaboration, problem-solving, leadership, study skills, communication and tenacity;
- Providing relevant and ongoing professional development for the principal/school leader and all participating teachers, including support and frequent exchanges during the school year.