

INFORMATION TECHNOLOGY

Overview

The Associate in Applied Science (AAS) in Information Technology (IT) program is designed to provide students with skills to meet information technology needs across industries. This program includes instruction in the principles of computer hardware components and business software, programming, databases, networking, web development, and information systems and project management.

Curriculum Requirements

Students enrolled in P-TECH 535's Information Technology pathway will take courses at their home high school that fulfill graduation requirements such as social studies, science, physical education, and fine arts. With the P-TECH 535 cohort, IT Pathway students will take P-TECH literacy and numeracy in years 1 and 2 that will meet English and math requirements, in addition to a Workplace Experience course embedded in the learning block that will prepare them for internships and the workplace. In years 3 and 4, IT Pathway students will take courses at RCTC that include Computer Science Concepts, Mobile Application Development, and Algorithms and Data Structure, for example. Students will also choose from a variety of elective options tailored to their career interests.

Career Opportunities

Informational Technology graduates work in a variety of roles such as: web application developer, database administrator, network engineer, IT support specialist, systems analyst, computer security specialist and hardware or software test specialist.

Future career steps may include leading a team of computer specialists, managing complex technical projects, becoming an IT Architect or Consultant and/or earning an advanced degree (bachelors or masters).

For more information about P-TECH 535, please visit:

<https://www.rochesterschools.org/ptech>

Para asistencia en español, por favor marque al 328-4241.

Za pomoc na bosanskom jeziku pozovite 328-4243

”إذا رغبت في الحصول على هذه المعلومات باللغة العربية يرجى الاتصال بقسم الترجمة على الرقم 328- 4246”

Haddii aad jeclaan lahayd in aad hesho macluumaadkaan oo ku qoran Soomaali, fadlan la soo xiriir waaxda EL(bartaha ingariiska) 328-4247.

