



Robotics and Automated Technology

Are you inspired by innovation and new technology? In this two-year program, you will learn to design and build robotic devices and diagnose and repair state-of-the-art automated equipment. Students will perform activities and obtain knowledge in areas such as electronics, robotics, mechanical systems, fluid power systems, programmable logic controllers, and control systems. One-year seniors will be considered if space is available.

- **Career Pathways:**
Students prepare for a career in the robotics and automated technology field requiring postsecondary education. With further education and experience, students can find opportunities in occupations such as Mechatronics Technician, Electronics Technician, Mechanical Engineer, Electrical Controls Engineer, and Manufacturing Engineer
- **Postsecondary/Advanced Placement:**
Students can continue their education at postsecondary schools such as Montgomery County Community College, Delaware County Community College, Penn State University, Lehigh University, University of Pennsylvania, Temple University, and Widener University.
- **Industry Certifications:**
Students can potentially earn International Siemens Mechatronics, AMIST I, Fanuc Robot Programmer, and Occupational Safety and Health Administration 10 in General Industry Safety.
- **Materials and fees:**
Approximately \$75

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Career Pathways

