

ROBOTICS AND AUTOMATED TECHNOLOGY

Career Pathways

START AT EASTERN

Technical Academic Education

TWO YEAR OPTIONS

Specialized Technical Training/College Education

FOUR YEAR OPTIONS

Advanced Degrees & What They Lead To

DIPLOMA FROM PARTICIPATING HIGH SCHOOL

EASTERN CERTIFICATE OF COMPLETION

INDUSTRY CERTIFICATE

- OSHA
- AMIST Level 1

CAREER OBJECTIVES:

- Mechanical Engineer
- Industrial Machinery Mechanic
- Electro-Mechanical Technician

ASSOCIATE DEGREE PROGRAMS THAT ALIGN:

- Montgomery County Community College

ASSOCIATE DEGREE PROGRAMS THAT ALIGN:

- Mechatronics Engineering Technology-Associates in Applied Science
- Mechatronics-Applied Engineering Degree

BACHELOR DEGREE PROGRAMS THAT ALIGN:

- Bachelor of Science Mechanical Engineering: PSU, Widener Univ.
- Bachelors Mechatronic Engineering: Cal U

MASTERS DEGREE PROGRAMS THAT ALIGN:

- Master of Science-Robotics: Univ. of Michigan
- Master of Science Mechanical Engineering: MIT

EASTERN
CENTER FOR ARTS AND TECHNOLOGY

ENTER WORKFORCE AS

ENTRY-LEVEL APPRENTICE IN MANUFACTURING INDUSTRY

Machinery Mechanic
Electronics Assembly



ENTRY-LEVEL ENGINEERING TECHNICIAN

Pharmaceuticals
Automated Warehousing

ENGINEER

Manufacturing Engineer
Electrical Engineer
Robotics/Mechanical Engineer