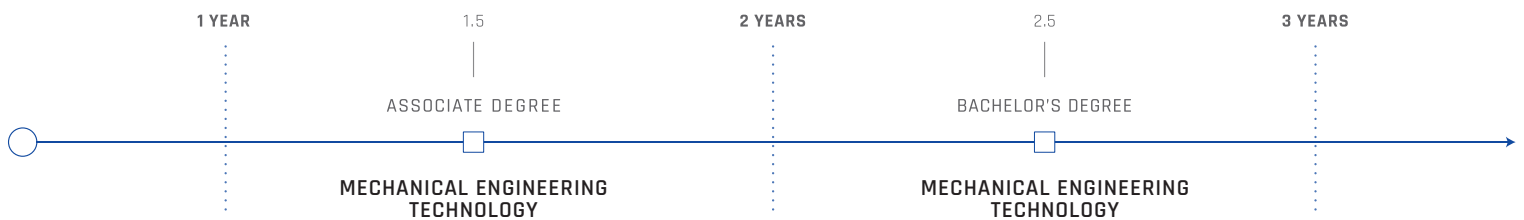




# MECHANICAL ENGINEERING TECHNOLOGY

Advanced electronics, robotics, and more have changed the modern manufacturing industry completely. Today's manufacturing facilities look more like science labs than industrial factories. Mechanical Engineering Technologists are hands-on problem solvers occupying a variety of roles, and may be involved in designing, testing, manufacturing, or operating robotics and other advanced electronics.

At ECPI University, you could earn an Associate of Science in Mechanical Engineering Technology in as little as 1.5 years!



## Outcomes

**Graduates of this program are expected to be able to:**

- ▶ Apply mathematics, science, engineering, and technology principles to daily tasks
- ▶ Apply techniques, skills, and modern tools of mechanical engineering to daily tasks
- ▶ Design systems components, or processes
- ▶ Conduct tests, measurements, and experiments, then analyze the results
- ▶ Identify, analyze, and solve key problems to improve processes
- ▶ Prepare technical reports, document work, and make presentations
- ▶ Demonstrate ethical and social professionalism

## Possible Career Track

**ECPI University's curriculum prepares graduates for entry-level employment in various public and private industries in such areas as:**

- ▶ Mechanical Engineering Technology
- ▶ Mechanical Product Design & Fabrication
- ▶ CAD & Computer Graphics
- ▶ Automation & Manufacturing
- ▶ Machining & Mechanical Maintenance
- ▶ Power Generation & Plant Management
- ▶ Transportation: Vehicles & Infrastructure

**Mechanical Engineering Technology graduates are employed in a wide spectrum of positions such as:**

- ▶ Mechanical Engineering Consultant
- ▶ Product and Materials Testing Technician
- ▶ Drafting and Computer Graphics Designer
- ▶ Manufacturing and Quality Management Technician
- ▶ Industrial Technician
- ▶ Product Technician
- ▶ Plant Maintenance and Production Manager