Robotics and Automation Technology* makes manufacturing more efficient by improving overall productivity. Robotics and automation technicians ensure that robots, production, and automation cells, or resources operate at peak efficiency. From cars to phones to potato chips, technicians service and test robots and automation cells to get the most out of production processes. Collin College’s program prepares you to enter the field of industrial automation with high-demand skills and hands-on experience.

*Formerly known as Industrial Automation

Robotics and Automation Technology prepares you with the following skills and experience:

- Robot application knowledge
- Robot programming
- Machine programming skills
- PLC (Programmable Logic Controllers)
- Electrical controls for motors and drives
- Fluid power systems
- Software, mechanical, and electrical integration skills
- Mechatronics skills

Associate of Applied Science (60 credit hours)

Level 1 Certificate (34 credit hours)

Level 2 Certificate (44 credit hours)

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Careers in Robotics and Automation Technology

Robotics and Automation Technicians

Average Salary: $52,600

Job Growth: 18.8%

Data for Collin County obtained from JobsEQ and O*Net

Note: Average salary for occupation as of 2020 and job growth projected from 2021-2028.

Learn more at www.collin.edu/department/engineering/.

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