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

Careers in Robotics and Automation Technology

Robotics and Automation Technicians

Avg. Starting Salary: $46,200
Average Salary: $73,200
Projected Job Growth: 17.8%

The average salary listed reflects the mean average wage for workers in this industry, while the average starting wage is tied to workers at the beginning of their careers. The earning potential for employees with certifications and associate of applied science degrees may exceed the average salary.

Choose Your Education

Associate of Applied Science (60 credit hours)
Level 1 Certificate (34 credit hours)
Level 2 Certificate (44 credit hours)

Collin College is an equal opportunity institution and provides educational and employment opportunities without discrimination on any basis protected by applicable law.
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