Automation makes manufacturing more efficient, improving production in most processes. Electro-mechanical technicians make sure that machines used in that automation are efficient as well. From servicing and testing robots and unmanned equipment to designing processes to achieve maximum output for an assembly line, these technicians use the knowledge of industrial automation to ensure smooth production lines. Collin College’s Industrial Automation program will prepare you to enter that field in the most efficient way possible.

Careers in Industrial Automation

Electro-Mechanical Technicians

Average Salary: $56,600
11% growth

Data for Collin County obtained from JobsEQ and O*Net
Note: Average salary for occupation as of 2018 and job growth projected from 2019-2026

About Collin College’s Program

Collin College’s Industrial Automation program is designed with applied electronics in mind. Students will develop ladder logic for use with advanced programmable logic controllers (PLC) functions, compose a ladder logic program to demonstrate an advanced industrial control application, and apply advanced programming techniques for specialized applications. Students will be able to explain the function and operation of various motor control devices and explain PLC terminology.

Choose Your Education

Associate of Applied Science
(60 credit hours)

Level 1 Certificate
(34 credit hours)

Level 2 Certificate
(44 credit hours)

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