

# ROBOTICS AND AUTOMATION, CERTIFICATE OF SPECIALIZATION

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## Florissant Valley

This program focuses on robotics and automation techniques within the workplace. Students take courses which emphasize the use of equipment. The program provides a mix of theory and hands on training. Persons interested in this program should be mechanically inclined, and logic oriented self starters. Flexible and creative thinking are assets in this field. Graduates are qualified for a variety of technical positions within the automotive, aerospace, heavy equipment, chemical, electrical, petroleum and food processing industries that utilize robotics and automation processes.

**Interested in this program?** Start the enrollment process by visiting [stlcc.edu/enroll](http://www.stlcc.edu/enroll) ([http://www.stlcc.edu/Admissions/Get\\_Started/Enrollment\\_Overview](http://www.stlcc.edu/Admissions/Get_Started/Enrollment_Overview)).

Code	Title	Credit Hours
ME 140	Introduction to Robotics	3
or ME 121	Computer Integrated Manufacturing	
ME 210	Robotics Subsystems and Components	3
ME 211	Programmable Logic Controllers	3
or EE 236	PLC/Programmable Logic Controller	
ME 237	Programmable Logic Controllers II	3
ME 230	Introduction to 3-D Solid Modeling for Design	4
Total Credit Hours		16