CERTIFICATE

Automation/Robotics Technician

The Automation/Robotics Technician certificate prepares students for employment in industries with automated robotic processes. Successful graduates will possess the ability to perform entry level maintenance and repairs to industrial automated equipment and robots.

Orientation				*1 hour*
	COLL	101	College Orientation (1)	
Communications				*2 hours*
	COLL	103	Practical Communications (2)	
Mathematics				*3 hours*
	MATH	111*	College Algebra (3)	
or	MATH	104*	Technical Mathematics (3)	
Major Courses				*25 hours*
	AMT	102	Introduction to Industrial Electricity (3)	
	AMT	104*	Electrical Motor Controls (3)	
	AMT	182	Introduction to Automated Robotics (3)	
	AMT	204*	Programmable Controllers I (3)	
	AMT	206*	Programmable Controllers II (3)	
	AMT	284*	Automated Robotic Programming (3)	
	CNS	101	Introduction to Electronics (3)	
	DIES	134	Hydraulics (4)	
Total Hourly Requirement				*31 hours*

* - Prerequisite course(s) or minimum test scores required. See catalog course descriptions for details