

Industrial Automation Technology Certificate

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NOTICE(s): For the certificate in Industrial Automation Technology, the student must complete at least 43 credit hours – at least 37 in technical courses and at least 6 in general education courses –all of which must be approved by the advisor. Technical courses, which may vary to meet student needs and to provide options, must be selected from those listed above. Admission Requirement: High school diploma or GED.

The courses in this program of study may not be offered every semester. It is important to consult with your advisor to determine course schedules to stay on track to graduate.

Program: Industrial Automation Technology

Type: Certificate

Area I – Written Composition

Item #	Title	Credits
ENG 101	English Composition I	3
	Sub-Total Credits	3

Area III – Natural Sciences and Mathematics

Item #	Title	Credits
	MTH 100: Intermediate College Algebra OR numerically higher	3
	Sub-Total Credits	3

Area V - Required Technical Courses

Item #	Title	Credits
EET 100	Introduction to Engineering Technologies	3
INT 117	Principles of Industrial Mechanics	3
INT 118	Fundamentals of Industrial Hydraulics and Pneumatics	3
INT 126	Preventive Maintenance	3
INT 127	Principles of Industrial Pumps and Piping Systems	3
	ELT 118 or INT 158	3
ORI 101	Orientation to College	1
	Sub-Total Credits	19

Additional Coursework

Choose 18 credit hours from the following list:

Item #	Title	Credits
ACR 111	Principles of Refrigeration	3
ACR 112	HVACR Service Procedures	3
CIS 146	Microcomputer Applications	3
ELT 110	Wiring Methods	3
	ELT 231 or INT 184	3
	INT 101 or EET 103	3
	INT 103 or EET 104	3
INT 113	Industrial Motor Control I	3
INT 180	Special Topics	2
INT 291	Cooperative Education	3
INT 296	Co-Op	1
INT 298	Co-Op	2
	MDT 105 or DDT 104	3
SPH 106	Fundamentals of Oral Communication	3
	Approved INT Elective	3
	Sub-Total Credits	41
	Total credits:	43