

Industrial Technologies

Industrial Maintenance Certificate

302200 Revised 10/2020 (Fall 2021)

Specific Program Requirements		Credits	Semester Taken	Prerequisites
CSIS 100	Digital Literacy	2		
CIMM 101	Machine Shop Safety and	3-5		CIMM 101 or concurrent enrollment (CIMM 102) CIMM 101 or concurrent enrollment(CIMM 103)
CIMM 102	Basic Lathe Operation and			
CIMM 103	Basic Mill Operation or			
CIMM 130	Machining for Related Occupations			
EHSS 111	Introduction to Health and Safety in General Industry	1		
INTE 107	Industrial Electrical Safety	2		
INTE 112	Industrial Electrical DC Principles	2		Concurrent enrollment or completion of MATH 103 or higher
INTE 113	Industrial Electrical AC Principles	2		INTE 112 or equivalent
INTE 115	Electrical Print Reading	3		INTE 112 or equivalent
INTE 140	Fundamentals of Industrial Machine Repair	3		
INTE 150	Fluid Power Fundamentals of Hydraulics and Pneumatics	3		
INTE 175	Electric Motor Controls I	3		HVAC 109 or INTE 115
INTE 240	Advanced Industrial Machine Repair	3		INTE 140
MATH 103	Technical Math I or higher	3-5		MATH 31 with a grade of S or appropriate placement
WELD 100	Introduction to Welding/Cutting Processes	1		
Choose 2 of the following:		6		INTE 113 (INTE 142) INTE 124 (INTE 219) INTE 219 (INTE 221) INTE 115 (INTE 225) INTE 113 and INTE 175 (INTE 271) INTE 175 (INTE 275)
INTE 142	National Electric Code			
INTE 219	Internship & Co-Op			
INTE 221	Internship & Co-Op II			
INTE 225	Industrial Electrical Print Reading			
INTE 271	Programmable Logic Controllers I			
INTE 275	Electric Motor Controls II			
Total Credit Hours Required		37-41		