

Industrial Technologies

Industrial Maintenance Certificate

302200 Revised 11/2018 (Fall 2019)

Specific Program Requirements	Credits	Semester Taken	Prerequisites
COLL 100 First Year Seminar	1		
CSIS 100 Digital Literacy	2		
CIMM 101 Machine Shop Safety and CIMM 102 Basic Lathe Operation and CIMM 103 Basic Mill Operation or CIMM 130 Machining for Related Occupations	3-5		CIMM 101 or concurrent enrollment (CIMM 102) CIMM 101 or concurrent enrollment(CIMM 103)
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: 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	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)
Total Credit Hours Required	38-42		