

Computer Integrated Machining & Manufacturing

Offered at MCC-Business & Technology

Advanced Computer Integrated Machining & Manufacturing Certificate

307800 Revised 11/2018 (Fall 2019)

Specific Program Requirements	Credits	Semester Taken	Prerequisites
COLL 100 First Year Seminar	1		
CIMM 100 Introduction to Machining & Manufacturing	3		
CIMM 105 Introduction to Blueprint Reading	2		
CIMM 110 Manual Lathe Operation	3		CIMM 100 with a C or better or concurrent enrollment
CIMM 115 Manual Mill	3		CIMM 100 with a C or better or concurrent enrollment
CIMM 121 CNC Lathe Operation Fundamentals	4		CIMM 110 or concurrent enrollment
CIMM 122 CNC Mill Operation Fundamentals	4		CIMM 115 or concurrent enrollment
CIMM 150 Lathe Internship & Co-Op <i>or</i> CIMM 160 Advanced Lathe Operations	3-4		CSIS 100, CIMM 100/105/110/121, or concurrent enrollment (CIMM 150) CIMM 121 or concurrent enrollment (CIMM 160)
CIMM 151 Mill Internship & Co-Op <i>or</i> CIMM 161 Advanced Mill Operations	3-4		CSIS 100, CIMM 100/105/115/122, or concurrent enrollment and a C or better in the prerequisite classes (CIMM 151) CIMM 122 or concurrent enrollment (CIMM 161)
CIMM 155 Grinding Operations	2		CIMM 100, 105, 110 & 115
CIMM 200 Advanced Machining	3		CIMM 150 & 151 or CIMM 160 & 161
CSIS 100 Digital Literacy	2		
MATH 103 Technical Math I <i>or</i> higher	3-5		MATH 31 with a grade of S or appropriate placement
Total Credit Hours Required	36-40		