



Academic & Career **PATHWAYS**

Associate **of** Applied Science (A.A.S.)

Computer Integrated Machining and Manufacturing (CIMM)

Advising Guide

This program, designed by MCC's Precision Machining Consortium industry partners, trains one to operate manual and computer-controlled machine tools. It places the emphasis on those who want to skillfully operate the machines that build the products necessary in our everyday lives. We are certified by the National Institute for Metalworking Skills (NIMS).

Semester 1		
Course	Credits	• Meet with Academic Advisor to build degree plan in Starfish
CIMM 100 (Program Requirement)	3	
CIMM 105 (Program Requirement)	2	
^CIMM 115 (Program Requirement)	3	
^CIMM 122 (Program Requirement)	4	
CIMM 151 or 161 (Program Requirement)	3	
Total Credits	15	
Semester 2		
CIMM 106 (Program Requirement)	2	
^CIMM 110 (Program Requirement)	3	
^CIMM 121 (Program Requirement)	4	
CIMM 150 or CIMM 160 (Program Requirement)	3-4	
CIMM 104 (Program Requirement)	2	
EHSS 111 (Program Requirement)	1	
Total Credits	15-16	
Semester 3 - Summer		
HIST 120, HIST 121 or POLS 136 (General Education Requirement/Civics)	3	• Complete Civics Exam with 70% or higher
Total Credits	3	
Semester 4		
^CIMM 225 (Program Requirement)	3	• Work with Career Services to develop resume if planning to enter the workforce.
^CIMM 141 (Program Requirement)	4	
^CIMM 154 or CIMM 155 (Program Requirement)	2-3	
^MATH 103, MATH 120, or MATH 150 (General Education Requirement)	3	
^ENGL 101 (General Education Requirement)	3	
Total Credits	15-16	



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Semester 5		
^ENGL 215 (General Education Requirement)	3	• Apply for Graduation
^CIMM 231-238 (Program Requirement)	2	
^COMM 100 (General Education Requirement)	3	
^MATH 104, or MATH 130 (General Education Requirement)	3-5*	
^CIMM 226 (Program Requirement)	3	
Total Credits	14-16	
Credits Required	62*	
*The A.A.S. degree requires a minimum of 62 credit hours for graduation. When selecting a course from multiple options, please consider the number of credits for each course to ensure meeting the minimum requirements for graduation.		

This Pathway Map is an advising tool designed for full-time students on this A.A.S. degree and identifies the course taking recommendations for timely degree completion. Degree requirements and prerequisite information can be found here: <https://www.mcckc.edu/programs/computer-integrated-machining/>

All students are encouraged to meet with their academic advisor to develop an individualized completion plan that best meets their goals, interests and objectives.

^Course requires a prerequisite or appropriate placement score. See catalog for additional information.