



# Academic & Career **PATHWAYS**

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

Computer Integrated Machining and Manufacturing (CIMM)

Tool Maker – Advising Guide

This program, designed by MCC's Precision Machining Consortium industry partners, teaches one to build fixtures and tools to aid in fabrication of other items. Many of these are behind-the-scenes items that most people don't see but are absolutely necessary to produce the things that are seen. We are certified by the National Institute for Metalworking Skills (NIMS).

<b>Semester 1</b>		
<b>Course</b>	<b>Credits</b>	<b>Action Steps</b>
CIMM 100 (Program Requirement)	3	<ul style="list-style-type: none"> <li>Meet with Academic Advisor to build degree plan in Starfish</li> </ul>
CIMM 105 (Program Requirement)	2	
^CIMM 115 (Program Requirement)	3	
^CIMM 122 (Program Requirement)	4	
CIMM 104 (Program Requirement)	2	
EHSS 111 (Program Requirement)	1	
Total Credits	15	
<b>Semester 2</b>		
CIMM 106 (Program Requirement)	2	
^CIMM 110 (Program Requirement)	3	
^CIMM 121 (Program Requirement)	4	
^ENGL 101 (General Education Requirement)	3	
^MATH 103, MATH 104, or MATH 150 (General Education Requirement)	3	
Total Credits	15	
<b>Semester 3 - Summer</b>		
HIST 120, HIST 121 or POLS 136 (General Education Requirement/Civics)	3	<ul style="list-style-type: none"> <li>Complete Civics Exam with 70% or higher</li> </ul>
Total Credits	3	
<b>Semester 4</b>		
^CIMM 225 (Program Requirement)	3	<ul style="list-style-type: none"> <li>Work with Career Services to develop resume if planning to enter the workforce</li> </ul>
^CIMM 141 (Program Requirement)	4	
^CIMM 154 or CIMM 155 (Program Requirement)	2-3*	
^CIMM 201 (Program Requirement)	3	
^MATH 104, or MATH 130 (General Education Requirement)	3-5*	
Total Credits	15-18*	



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## Semester 5

^CIMM 226 (Program Requirement)	3	• Apply for Graduation
^CIMM 231-238 (Program Requirement)	1	
CIMM 255 (Program Requirement)	5	
^COMM 100 (General Education Requirement)	3	
^ENGL 215 (General Education Requirement)	3	
Total Credits	15	
<b>Total Credits</b>	<b>63*</b>	

*\*The A.A.S. degree requires a minimum of 63 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.