



# 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>		
Course	Credits	
CIMM 100 (Program Requirement)	3	• Meet with Academic Advisor to set up academic plan
CIMM 105 (Program Requirement)	2	
^CIMM 115 (Program Requirement)	3	
<b>Total Credits</b>	<b>8</b>	
<b>Semester 2</b>		
^CIMM 122 (Program Requirement)	4	• Meet with Academic Advisor to check-in on progress
CIMM 104 (Program Requirement)	2	
EHSS 111 (Program Requirement)	1	
<b>Total Credits</b>	<b>7</b>	
<b>Semester 3</b>		
CIMM 106 (Program Requirement)	2	• Meet with Academic Advisor to check-in on progress
^CIMM 110 (Program Requirement)	3	
^MATH 103, MATH 120, or MATH 150 (General Education Requirement)	3	
<b>Total Credits</b>	<b>8</b>	
<b>Semester 4</b>		
^CIMM 121 (Program Requirement)	4	• Meet with Academic Advisor to check-in on progress
^ENGL 101 (General Education Requirement)	3	
<b>Total Credits</b>	<b>7</b>	
<b>Semester 5</b>		
^CIMM 225 (Program Requirement)	3	• Meet with Academic Advisor to check-in on progress
^COMM 100 (General Education Requirement)	3	
^CIMM 154 or CIMM 155 (Program Requirement)	2-3*	
<b>Total Credits</b>	<b>8-9*</b>	
<b>Semester 6</b>		
^ENGL 215 (General Education Requirement)	3	• Meet with Academic Advisor to check-in on progress
^CIMM 141 (Program Requirement)	4	
^CIMM 231-238 (Program Requirement-Choose 1 Course)	1	• Research/ contact four-year



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Total Credits	<b>8</b>	universities if planning to transfer
<b>Semester 7</b>		
^CIMM 201 (Program Requirement)	3	<ul style="list-style-type: none"> <li>• Complete Civics Exam with 70% or higher</li> <li>• Apply for admission at four-year university if planning to transfer</li> </ul>
^CIMM 226 (Program Requirement)	3	
HIST 120, HIST 121 or POLS 136 (General Education Requirement/Civics)	3	
Total Credits	<b>9</b>	<ul style="list-style-type: none"> <li>• Apply for scholarships at four-year university if planning to transfer</li> <li>• Work with Career Services to develop resume if planning to enter the workforce</li> <li>•</li> </ul>
<b>Semester 8</b>		
^CIMM 255	5	<ul style="list-style-type: none"> <li>• Apply for Graduation</li> </ul>
^MATH 104, or MATH 150 (General Education Requirement)	3-5*	
Total Credits	<b>8-10*</b>	
<b>Credits Required</b>	<b>63*</b>	
<p><i>*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.</i></p>		

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.