



# Academic & Career **PATHWAYS**

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

### **Computer Integrated Machining and Manufacturing (CIMM)**

#### **Mold Making – Advising Guide**

This program, designed by MCC’s Precision Machining Consortium industry partners, prepares a student for a career in building and maintaining molds. Molds form the parts used in everyday articles such as cell phones, cars, pace makers, televisions, and many more. We are certified by the National Institute for Metalworking Skills (NIMS).

<b>Semester 1</b>		
Cours e	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	
Total Credits	<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	
Total Credits	<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	
Total Credits	<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	
Total Credits	<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*	
Total Credits	<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	



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^CIMM 231-238 (Program Requirement-Choose 1 Course)	1	<ul style="list-style-type: none"> <li>• Research/ contact four-year universities if planning to transfer</li> </ul>
Total Credits	<b>8</b>	
<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> <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>
^CIMM 226 (Program Requirement)	3	
HIST 120, HIST 121 or POLS 136 (General Education Requirement/Civics)	3	
Total Credits	<b>9</b>	
<b>Semester 8</b>		
^CIMM 265	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.