



# 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).

<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	
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
CIMM 150 or CIMM 160 (Program Requirement)	3-4	
^CIMM 154 or CIMM 155 (Program Requirement)	2-3*	
Total Credits	<b>8-10*</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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^CIMA 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>		
^COMM 100 (General Education 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> </ul>
^CIMA 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>		
^MATH 104, or MATH 150 (General Education Requirement)	3-5*	<ul style="list-style-type: none"> <li>• Apply for Graduation</li> </ul>
Total Credits	<b>3-5*</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.