




**Certificate in  
Machining Career Readiness  
2025 – 2026 Academic Plan**

This academic plan is a semester-by-semester guide for the college-ready student. Students should consider bachelor’s degree requirements at transfer institutions, potential for continuing education to a graduate degree, and future career goals when selecting specific courses. This plan is not a substitute for meeting with an [Advising Specialist](#) or full-time Faculty Advisor.

Academic Plan: Fall 1 <sup>st</sup> Year			Notes
Requirement	Course	Credits	
FYEX	*First Year Experience	1	<ul style="list-style-type: none"> <li>MTH105, MTT108, and MTT116 are prerequisites for future coursework.</li> </ul>
MATH	MTH105 Industrial Math	3	
CORE	MTT108 Industrial Blueprint Reading	3	
CORE	MTT116 Dimensional Metrology	3	
<b>Total Credits</b>		10	
Academic Plan: Spring 1 <sup>st</sup> Year			Notes
Requirement	Course	Credits	
CORE	INT191 Technical Internship or INT192 Technical Internship or INT193 Technical Internship	1	
CORE	PMT105 Introduction to Machining Procedures	3	
CORE	PMT125 CNC Programming	3	
CORE	PMT210 Quality Assurance	3	
<b>Total Credits</b>		10	
<b>Total Program Credits</b>		<b>20</b>	

\*For a list of elective and general education courses visit, the [degree/certificate plan webpage](#).

^This general education requirement must be met by a MOTR equivalent course; see [MOTR webpage](#). 

The Computer Literacy (CPLT) requirement must be completed with a grade of “C” or better.