



Associate of Applied Science in Welding Technology – Day 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 st Year			Notes
Requirement	Course	Credits	
FYEX	*First Year Experience	1	<ul style="list-style-type: none"> WLD141 is a prerequisite for WLD142. MTH105 and WLD142 are prerequisites for future coursework.
MATH	MTH105 Industrial Math	3	
CORE	MTT108 Industrial Blueprint Reading	3	
CORE	WLD141 Gas and Beginning Arc Welding	5	
CORE	WLD142 Advanced Arc Welding	5	
Total Credits		17	
Academic Plan: Spring 1 st Year			Notes
Requirement	Course	Credits	
CORE	MTT116 Dimensional Metrology	3	<ul style="list-style-type: none"> All WLD courses are prerequisites for future coursework.
CORE	MTT148 Introduction to Metallurgy	3	
CORE	WLD243 Gas Metal Arc Welding (MIG)	5	
CORE	WLD244 Gas Tungsten Arc Welding (TIG)	5	
Total Credits		16	
Academic Plan: Fall 2 nd Year			Notes
Requirement	Course	Credits	
WCOM^	ENG101 English Composition I	3	<ul style="list-style-type: none"> All WLD courses are prerequisites for future coursework.
MT/SC	*Mathematical Science OR Natural Science	3	
CIVI^	*Civics and PSC001 MO Civics Requirement	3	
CPLT	*Computer Literacy	3	
CORE	WLD245 Advanced Welding Techniques I	5	
Total Credits		17	
Academic Plan: Spring 2 nd Year			Notes
Requirement	Course	Credits	
CO/HU^	*Communication OR Humanities	3	
SBSC^	*Social and Behavioral Science	3	
CORE	BUS101 Introduction to Business	3	
CORE	WLD246 Advanced Welding Techniques II	5	
Total Credits		14	
Total Program Credits		64	

*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.