



Academic & Career **PATHWAYS**

Associate of Applied Science (A.A.S.) Welding Technology & Management – Part-Time Advising Guide

We teach shielded metal arc welding, MIG welding, TIG welding, pipe welding, flame cutting and plasma cutting. Your coursework will include interpreting blueprints, electrical fundamentals, welding metallurgy and American Welding Society electrode classifications.

You will use equipment and techniques used in the industry and build a foundation to enter the workforce. Our programs prepare students for AWS Level 1 and Level 2 certification.

Semester 1		
Course	Credits	Action Steps
WELD 110 (Program Requirement)	3	• Meet with Academic Advisor to set up academic plan
^WELD 120/^WELD 121 (Program Requirement)	3	
WELD 130 (Program Requirement)	3	
Total Credits	9	
Semester 2		
^WELD 150/^WELD 151 (Program Requirement)	3	
^WELD 160/^WELD 161 (Program Requirement)	3	
^MATH 103 (General Education Requirement)	3	
Total Credits	9	
Semester 3		
^WELD 140/^WELD 141 (Program Requirement)	3	• Research/contact four-year universities if planning to transfer
^WELD 270/^WELD 271 (Program Requirement)	3	
^WELD 230/^WELD 231 (Program Requirement)	3	
Total Credits	9	
Semester 4		
^ENGL 101 (General Education Requirement)	3	
^WELD 250/^WELD 251 (Program Requirement)	3	
^WELD 260/^WELD 261 (Program Requirement)	3	
Total Credits	9	



Academic & Career **PATHWAYS**

Semester 5		
^WELD 290 (Program Requirement)	3	
^CIMM 201 (Program Requirement)	3	
^WELD 240/^WELD 241 (Program Requirement)	3	
Total Credits	9	
Semester 6		
HIST 120, HIST 121, or POLS 136 (General Education Requirement)	3	<ul style="list-style-type: none"> Complete Civics Exam with 70% or higher
Any course(s) numbered 100 or above from the following disciplines: ART, ECON, ENGL, Foreign Language, GEOG (except 104, 110 and GIS Courses), PHIL, PSYC, SOSC (General Education Elective)	3	
MATH 104 if needed (General Education Requirement)	0-3*	
Total Credits	6-9	
Semester 7		
SPAN 100 Beginning Occupational Spanish	3	<ul style="list-style-type: none"> Apply for admission at four-year university if planning to transfer Apply for scholarships at four-year university if planning to transfer Work with Career Services to develop resume if planning to enter the workforce
^COMM 100 Fundamentals of Speech	3	
EHSS 111 Introduction to Health and Safety for General Industry	1	
Total Credits	7	
Semester 8		
Program Elective	3	<ul style="list-style-type: none"> Apply for graduation Apply for jobs
Total Credits	3	
Credits Required	61-63*	
<i>*This degree requires a minimum of 61 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>		

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://mccckc.edu/programs/welding/>

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.