



Welding GMAW: Certificate

<http://catalog.ivcc.edu/guidesheet/certificate/weldinggmaw/>



This Career Pathway Plan of Study is to serve as a guide as coursework may change. Other career planning materials may be used as learners continue on a career path. Courses listed within this plan are only recommended coursework and should be individualized to meet each learner's educational and career goals.

EDUCATION LEVELS	GRADE	English/ Language Arts	Math	Science	Social Studies/ Sciences	Other Required Courses Other Electives Recommended Electives Learner Activities	Career and Technical Courses and/or Degree Major Courses	SAMPLE Occupations Relating to This Pathway
SECONDARY	9	English I	Algebra I Geometry	Physical Science	World History	Consumer Ed, Am. Gov., Speech 11th grade; Take IVCC Placement test		<ul style="list-style-type: none"> •Structural metal fabricator •Model maker •Auto body repair
	10	English II	Geometry Algebra II	Biology				
	11	AP English Language English III	Algebra II Pre-Calculus	Chemistry	US History		DUAL CREDIT COURSES* (see high school counselor)	
	12	English IV	Pre-Calculus Calculus	Physics			The following courses may be offered as dual credit at the Area Career Center & some high schools WLD 1210	
To view detailed descriptions of the below courses, go to: http://catalog.ivcc.edu/courses/								
POSTSECONDARY	1st Semester					Prepares students for the AWS Certification Test	<u>FIRST 8 WEEKS</u> WLD 1210* GMAW (MIG) Mild Steel <u>LAST 8 WEEKS</u> WLD 1211 GMAW (MIG) Stainless Steel	
	2nd Semester						<u>FIRST 8 WEEKS</u> WLD 1212 GMAW (MIG) Non Ferrous Alloys <u>LAST 8 WEEKS</u> WLD 1213 GMAW Pipe, All Positions	

** Go to www.catalog.ivcc.edu/autosubstitutions/ to view allowed substitutions for required courses that may be offered as Dual Credit/Dual Enrollment at area high schools