



## Welding OAW: Certificate



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

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
<b>SECONDARY</b>	<b>9</b>	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"> <li>•General Maintenance and Repair worker</li> <li>•Boilermaker</li> <li>•Pipefitter</li> <li>•Power plant maintenance worker</li> <li>•Ironworker</li> <li>•Steam generating facility maintenance</li> </ul>
	<b>10</b>	English II	Geometry Algebra II	Biology				
	<b>11</b>	AP English Language English III	Algebra II Pre-Calculus	Chemistry	US History			
	<b>12</b>	English IV	Pre-Calculus Calculus	Physics				
To view detailed descriptions of the below courses, go to: <a href="http://catalog.ivcc.edu/courses/">http://catalog.ivcc.edu/courses/</a>								
<b>POSTSECONDARY</b>	<b>1st Semester</b>					Prepares students for the AWS Certification Test	<b>WLD 2206</b> Gas Welding & Brazing, Flat & Horizontal <b>WLD 2208</b> Cutting Torch & Plasma Arc Cutting <b>WLD 2207</b> OAW Vertical Up, Overhead & Steel Pipe	
** Go to <a href="http://www.catalog.ivcc.edu/autosubstitutions/">www.catalog.ivcc.edu/autosubstitutions/</a> to view allowed substitutions for required courses that may be offered as Dual Credit/Dual Enrollment at area high schools								3/8/16