

# BASIC WELDING (SMAW), SKILL CERTIFICATE

**Banner Code:** 1\_CO\_BSMW

**Not Financial Aid Eligible**

The Weld Testing Certificates will be awarded upon successful completion of a proficiency test for each identified level (e.g., Level I, II, etc.) within a category of welding (i.e., SMAW, FCAW, GTAW, GMAW or Pipe). The indicated Weld Testing class must be repeated for each type of certificate received. Higher levels of certification will potentially lead to better paying jobs within the industry.

## Program Outcome

Acquire the necessary skills training for proficiency required for employment.

Review Graduation Requirements (<https://catalog.cccd.edu/orange-coast/graduation-requirements/certificates/#specializationtext>).

Course	Title	Units
<b>Required Courses</b>		
WELD A100	Arc & Oxy-acetylene Welding	3-4
or WELD A101	Arc & Oxy-acetylene Welding	
WELD A105	Weld Testing Basic	0.5
<b>Total Units</b>		<b>3.5-4.5</b>

These sequences at Orange Coast College are curriculum maps for students to finish all requirements for the certificate. There may be advisories, prerequisites, or time requirements that students need to consider before following these maps. **Students are advised to meet with an Orange Coast College Counselor for alternate sequencing.**

Course	Title	Units
<b>Year 1</b>		
<b>Semester 1</b>		
WELD A100	Arc & Oxy-acetylene Welding	3-4
or WELD A101	or Arc & Oxy-acetylene Welding	
	<b>Units</b>	<b>3-4</b>
<b>Semester 2</b>		
WELD A115	Arc and Oxy-acetylene Welding Practice Level 1	1-2
WELD A106	Weld Testing Intermediate	0.5
	<b>Units</b>	<b>1.5-2.5</b>
	<b>Total Units</b>	<b>4.5-6.5</b>