

# ADVANCED II WELDING (FCAW), CERTIFICATE OF SPECIALIZATION

**Banner Code:** 1\_CE\_FCAWB  
**Not Financial Aid Eligible**

The Weld Testing Certificates of Specialization 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 Outcomes:

1. Acquire the necessary skills training for proficiency in taking a welding qualification test for certification which may be required for employment.
2. Improve or develop additional proficiencies required for professional growth or advancement in their current employment.

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

Course	Title	Units
<b>Required Courses</b>		
WELD A100 or WELD A101	Arc & Oxy-acetylene Welding	3-4
WELD A109 or WELD A110	Weld Testing FCAW 1 Weld Testing FCAW 2	0.5
WELD A115 or WELD A215	Arc and Oxy-acetylene Welding Practice Level 1 Advanced Arc and Oxy-Acetylene Level 1	1-2
WELD A200 or WELD A201	Advanced Welding	3-4
<b>Total Units</b>		<b>7.5-10.5</b>

## Program Sequence

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 or WELD A101	Arc & Oxy-acetylene Welding or Arc & Oxy-acetylene Welding	3-4
<b>Units</b>		<b>3-4</b>

Course	Title	Units
<b>Semester 2</b>		
WELD A115 or WELD A215	Arc and Oxy-acetylene Welding Practice Level 1 or Advanced Arc and Oxy-Acetylene Level 1	1-2
WELD A200 or WELD A201	Advanced Welding or Advanced Welding	3-4
WELD A109 or WELD A110	Weld Testing FCAW 1 or Weld Testing FCAW 2	0.5
<b>Units</b>		<b>4.5-6.5</b>
<b>Total Units</b>		<b>7.5-10.5</b>