

# ADVANCED II WELDING (FCAW), CERTIFICATE OF SPECIALIZATION

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

This Certificate of Specialization certifies mastery of second level advanced welding in Flux-Cored Arc Welding (FCAW) Levels V, VI, VII, VIII, or IX.

Students are required to obtain a grade of "C" or better in all required courses.

## 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 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 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>
<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

Course	Title	Units
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>