

ADVANCED II WELDING (FCAW), CERTIFICATE OF SPECIALIZATION

Not Financial Aid Eligible
Banner Code: 1_CE_FCAWB

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.

Certificate Requirements

Orange Coast College offers two types of certificate awards in career programs designed to prepare the graduate to enter a particular field of employment. At least 3 units in an advanced course from the certificate must be completed at OCC.

1. **Certificate of Achievement** - 8 units or more in a state-approved program. Certificates of Achievement are not automatically awarded. A petition must be filed in Enrollment Services or online at the beginning of the semester in which the student will be completing his or her final requirements. The petitioning periods are listed in the Graduation Requirements (<https://catalog.cccd.edu/orange-coast/graduation-requirements/>) section of this catalog.
2. **Certificate of Specialization** - 16 units or less in a locally approved program. Certificates of Specialization are not automatically awarded, not printed on official academic transcripts, and there is no acknowledgment of completion given at graduation. Please contact the division for details regarding the submission of petitions as procedures for each division vary. Most division offices prefer that students complete all of the required courses and then provide a copy of the transcript while some divisions allow petitions for Certificates of Specialization before finishing.

Minimum Grade Requirement

In order to be awarded a certificate, students are required to obtain a grade of "C" or better in all program-required courses. Grades of "CR" or "P" will be accepted whereas "CR" or "P" meets the equivalency of a "C" or better. A list of certificate programs can be found in the Programs A-Z (<https://catalog.cccd.edu/orange-coast/programs-study/>) section of this catalog. Check with a counselor to determine the requirements for completion.

| Course | Title | Units |
|---------------------------|-----------------------------|-------|
| Required Courses | | |
| WELD A100 or WELD A101 | Arc & Oxy-acetylene Welding | 3-4 |
| WELD A109 | Weld Testing FCAW 1 | 0.5 |

| Course | Title | Units |
|---------------------------|--|----------|
| or WELD A110 | Weld Testing FCAW 2 | |
| WELD A115 or WELD A215 | Arc and Oxy-acetylene Welding Practice Level 1 | 1-2 |
| WELD A200 or WELD A201 | Advanced Arc and Oxy-Acetylene Level 1 | 3-4 |
| Total Units | | 7.5-10.5 |