

DIGITAL FABRICATION FOR ARCHITECTURE, CERTIFICATE OF ACHIEVEMENT

Course	Title	Units
ARCH A201	Design/Build 1 for Architecture	2
Total Units		12

Not Financial Aid Eligible
Banner Code: 1_CM_ATDF
Control Number: 31517

The Digital Fabrication specialization certificate prepares students to design, develop, and construct three-dimensional environmental design installations and objects using digital fabrication tools.

Program Outcome

1. Design, develop, and construct three-dimensional environmental design installations and objects using digital fabrication tools.

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		
ARCH A105	Architectural Drawing and Design Visualization 1	2
ARCH A162	3-D Modeling: Rhino 1	2
ARCH A163	3-D Modeling: Rhino 2	2
ARCH A171	Design Fabrication 1	2
ARCH A172	Design Fabrication 2	2