

DIGITAL FABRICATION FOR ARCHITECTURE, CERTIFICATE OF ACHIEVEMENT

Banner Code: 1_CM_ATDF

Control Number: 31517

Not Financial Aid Eligible

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

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

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

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

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
Year 1		
Semester 1		
ARCH A105	Architectural Drawing and Design Visualization 1	2
ARCH A162	3-D Modeling: Rhino 1	2
ARCH A171	Design Fabrication 1	2
	Units	6
Semester 2		
ARCH A163	3-D Modeling: Rhino 2	2
ARCH A172	Design Fabrication 2	2
ARCH A201	Design/Build 1 for Architecture	2
	Units	6
	Total Units	12