

# ARCHITECTURAL CAD TECHNOLOGY CERTIFICATE

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Division: Technology and Engineering

PROGRAM CODE: 2C21253A

The Architectural CAD Technology Certificate is designed to prepare students for employment in the architectural field. Students may seek employment as a CAD drafter, CAD technician, 3D BIM modeler or renderer in the fields of architecture, engineering, construction and interior design. This certificate requires a total of 24 units. A grade of C or better is required in each course taken.

Code	Title	Units
<b>Required Courses (18 units):</b>		
ARCH 111 F	Introduction to Architecture	3
ARCH 114 F	Architectural Materials and Methods	3
ARCH 124 F	Architectural CAD I	3
ARCH 924 F	Architectural CAD II	3
ARCH 934 F	Architectural CAD III	3
BUS 180 F	Small Business Management	3
<b>Restricted Electives (6 units):</b>		
COMM 135 F	Essentials of Argumentation	3
CSTR 031 F	International Building Code	3
CSTR 041 F	International Residential Code	3
<b>Total Units</b>		<b>24</b>

## Program Level Student Learning Outcomes

**Outcome 1:** Point out graphic principles/standards and conventions used in 2D/3D architectural design.

**Outcome 2:** Generate drawings using design tools and equipment of the profession.

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[https://www.curricunet.com/fullerton/reports/program\\_report.cfm?programs\\_id=1518](https://www.curricunet.com/fullerton/reports/program_report.cfm?programs_id=1518)