CERTIFICATE IN ARCHITECTURAL DESIGN

Design principles, complex animation and CAD systems are applied to problems in architecture, landscape architecture and urban planning. Proper and efficient methods of sketching, producing documents, models, 3D digital models, animations and multifaceted presentations are examined.

This certificate prepares the student for entry level opportunities as a CAD person or design person.

Learning Outcomes

Certificate of Achievement Level Student Learning Outcomes

Students completing the Architectural Design Certificate of Achievement will:

1. Describe effective architectural design principle techniques including graphic communication, orientation, and decision making.
2. Demonstrate the ability to use advanced technology to prepare architectural design drawings, Computer Aided Drawings (CAD), animations and multimedia presentations.
3. Demonstrate complex planning techniques and administration of document control for architectural designs, presentations and animations.
4. Demonstrate the ability to estimate time, material, labor and equipment for sophisticated architectural designs, presentations and animations.

Requirements

Code	Title	Units
Required courses:		
Computer Aided Design (CAD)-Architecture and Drafting – Certificate of Achievement [1]		22.5
ARCH 201	Architectural Design I	4
ARCH 202	Architectural Design II	4
ARCH 250	History of Architecture: Prehistory to Mannerism	3
ARCH 251	History of Architecture: Baroque to the Present Day	3
ART 120	Two-Dimensional Design	3
ART 121	Three-Dimensional Design	3
DRAF 290	Introduction to Maya Practices	3
Total Units		**45.5**

[1] This certificate must be completed first.

Curriculum Map

1-Year Curriculum Map Example

This map represents one possible pathway through the program and is only for reference.

*It is highly recommended that you make an appointment (https://www.citruscollege.edu/stdntsrv/counsel/Pages/ApptSchedule.aspx) to create a customized education plan that fits your needs.

Note: Completion of the Computer Aided Design (CAD)-Architecture and Drafting certificate is required prior to starting this certificate.

Course	Title	Units
Fall Term 1		
ARCH 201	Architectural Design I	4
ARCH 250	History of Architecture: Prehistory to Mannerism	3
DRAF 290	Introduction to Maya Practices	3
ART 120	Two-Dimensional Design	3
Assuming completion: CAD Architecture and Drafting		
	Units	**13**
Winter Term 1		
ART 121	Three-Dimensional Design	3
COUN 160	Strategies for College Success	3
	Units	**6**
Spring Term 1		
ARCH 202	Architectural Design II	4
ARCH 251	History of Architecture: Baroque to the Present Day	3
	Units	**7**
	Total Units	**26**

Career Information

Career Opportunities

There are a variety of careers you can do with this major.

To explore more about this major, schedule an appointment (https://www.citruscollege.edu/stdntsrv/ctcenter/Pages/ApptSchedule.aspx) with a career counselor.