CERTIFICATE IN COMPUTER GENERATED IMAGERY (CGI)

This program provides coursework for majors such as architecture, computer-generated imagery (CGI), engineering and animation. Design principles, computer-aided design (CAD) and animation systems are applied to problems in animation, architecture, landscape architecture, urban planning and engineering. Proper and efficient methods of sketching, story boarding, 3D digital models, animations and multifaceted presentations are examined. The student will be prepared for entry level employment as an animation modeler.

Learning Outcomes

Certificate of Achievement Level Student Learning Outcomes

Students completing the Computer Generated Imagery (CGI) Certificate of Achievement will:

1. Describe effective computer-generated imagery (CGI) techniques including graphic communication, orientation, and decision making.
2. Demonstrate the ability to use technology to prepare compute-generated imagery (CGI) drawings, computer-aided drawings (CAD), animations and multimedia presentations.
3. Demonstrate computer-generated imagery (CGI) planning techniques and administration of file control for CGI design and animation.
4. Demonstrate the ability to estimate time, material, labor and equipment for computer-generated imagery (CGI) design and animation.

Requirements

Code	Title	Units
Required courses:		
ARCH 200	Portfolio Preparation	3
ART 111	Beginning Drawing	3
ART 115	Figure Drawing I	3
ART 120	Two-Dimensional Design	3
DRAF 160	Foundation Digital Design Tools - Intermediate Computer Aided Design (CAD)	3
DRAF 161	Advanced Computer Aided Design (CAD and Design Tools)	3
DRAF 290	Introduction to Maya Practices	3
Select one (1) of the following courses:		
ARCH 102	Visual Communication	2.5
DRAF 102	Visual Communication	2.5
Total Units		**23.5**

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.

Course	Title	Units
Fall Term 1		
ART 111	Beginning Drawing	3
ART 115	Figure Drawing I	3
ART 120	Two-Dimensional Design	3
DRAF 160	Foundation Digital Design Tools - Intermediate Computer Aided Design (CAD)	3
	Units	**12**
Spring Term 1		
DRAF 161	Advanced Computer Aided Design (CAD and Design Tools)	3
DRAF 290	Introduction to Maya Practices	3
ARCH 200	Portfolio Preparation	3
ARCH 102 or DRAF 102	Visual Communication or Visual Communication	2.5
	Units	**11.5**
	Total Units	**23.5**

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.