

# Guided Pathways: Redesigning ELAC



## Visual & Performing Arts Career and Academic Pathways Program Map: Skills Certificate for Architectural Computer-Aided Design 3D Modeling

Total number of units: 3 units

Top Code/Academic Plan: 20100

Updated on August 8, 2020

Intersession	Course Code	Course	Units	Notes	Notes for Part-time students
Program Course	ARC 264	3D Modeling for Designers	3	Summer Course.	

**Total Units 3**

### Degree Path and Requirements:

Skill Certificate, Architectural Computer Aided Design, 3D Modeling. Requirements for the Certificate include: One 3 Unit course, Arc 264, 3D Modeling for Designers. No other course work or LACCD General Education Plan course required. Completion of this Certificate is the foundation for the Associate in Arts Degree, Architectural Computer Aided Design.

### Department Advising Notes:

This map was created for students wishing to pursue a Skill Certificate in 3D Modeling. The Department provides 6 other focused Skill Certificates in Architectural Computer-Aided Design AutoCAD, Architectural Detailing, Architectural Graphics, Architectural History, Architectural Professional Practice I and Architectural Professional Practice II. It is recommended to review the course maps and the course descriptions found in the College General Catalog to determine student interest and associated pathway. These Skills Certificates are the foundation of specific Associated in Arts curriculum and Certificates of Achievement. These certificates assist with the Professional Portfolio and employment opportunities.

Note: This Certificate Map, by itself, are not the preferred or qualified pathway to University Transfer. While some course work will cross over, the University Transfer Pathway is specific to individual Universities and will require counseling with the Department of Architecture Chair.

Note: Course offerings are fairly consistent from semester to semester and year to year.

### Program Description

One of Seven Skills Certificate Programs, this 3 Unit Skill Certificate is a focus on 3D Digital Modeling utilizing Sketch-up Pro, Rhino and similar software. This program provides introductory and advanced skill preparation for the workplace in the Architecture and Design industry. These courses are exclusive of the University programs who do not provide course work or organized training in these skill areas. Course are designed for those entering the profession for the first time and those with University degrees as well as years of industry experience.

### Career and Transfer Opportunities

3D Modeling for Designers provides specific Software skills to assist in design, research and presentations. Depending on the students chosen area of discipline, this curriculum provides fundamental and advanced skill project execution. These become valuable examples of skill execution in ones Professional Portfolio used for employment opportunities and University Transfer. Career opportunities vary within the level of CAD skills and other skills obtained in the industry. Entry level positions are identified by "Junior Designer" within the Architectural and Design industry and starting salaries average around \$25.00 hour. A Skill Certificate is not designed as stand alone course work for long term career or employment. These Skill Certificates are used for continuing education for those already in the industry or as added certification used for career advancement. For the student on a path to an Associates in Arts Degree or University Transfer, these earned Certificates are milestones on the path to a larger goal (Degree or Transfer).

### Youtube Videos

### Program Map

A suggested sequence of classes to complete a degree, certificate, or program of study. Students should consult an academic counselor for variations to this plan based on part-time or full-time status, transfer plans, pre-requisites needed, etc.

### Milestones

Courses or specific requirement designed to keep students on course to complete.

### Core Course

A course that all declared majors must complete in order to achieve a degree or certificate.

### Prerequisite Course

A specific course that must be completed before advancing to the next course.

Check the online catalog at [elac.edu](http://elac.edu) for the latest and most accurate information.

### Contact

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