

Guided Pathways: Redesigning ELAC



Visual & Performing Arts Career and Academic Pathways Program Map: Certificate of Achievement for Architectural Drafting

Total number of units: 31 units

Top Code/Academic Plan: 20100

Updated on August 8, 2020

| Semester 1 | Course Code | Course | Units | Notes | Notes for Part-time students |
|----------------|-------------|---|-------|---|------------------------------|
| Program Course | ARC 110 | Intro to Architecture | 1 | To be taken during prior Summer Intersession. | |
| Program Course | ARC 130 | History of Architecture I | 2 | | |
| Program Course | ARC 161 | Intro to Computer-Aided Architectural Design | 2 | Corequisite: ARC 180. | |
| Program Course | ARC 172 | Architectural Drawing I | 3 | Prerequisite: ARC 170 or Consent of Instructor. | |
| Program Course | ARC 180 | Computer-Aided Architectural Lab | 1 | Corequisite: ARC 161. | |

Total Units 9

| Semester 2 | Course Code | Course | Units | Notes | Notes for Part-time students |
|----------------|-------------|-----------------------------------|-------|------------------------|------------------------------|
| Program Course | ARC 131 | History of Architecture II | 2 | | |
| Program Course | ARC 173 | Architectural Drawing II | 3 | Prerequisite: ARC 171. | |
| Program Course | ARC 121 | Freehand Drawing I | 2 | | |

Total Units 7

| Semester 3 | Course Code | Course | Units | Notes | Notes for Part-time students |
|----------------|-------------|----------------------------------|-------|---|------------------------------|
| Program Course | ARC 122 | Architectural Perspective | 2 | Advisory: ARC 170. | |
| Program Course | ARC 171 | Architectural Detailing | 2 | Prerequisite: ARC 170 or Consent of Instructor. | |
| Program Course | ARC 271 | Architectural Drawing III | 3 | Prerequisite: ARC 173. | |

Total Units 7

| Semester 4 | Course Code | Course | Units | Notes | Notes for Part-time students |
|----------------|-------------|---------------------------------------|-------|------------------------|------------------------------|
| Program Course | ARC 211 | Introduction to Building Codes | 3 | | |
| Program Course | ARC 221 | Architectural Rendering | 2 | | |
| Program Course | ARC 272 | Architectural Drawing IV | 3 | Prerequisite: ARC 271. | |

Total Units 8

Degree Path and Requirements:

Certificate of Achievement, Architectural Drafting. Requirements for the Certificate include: 31 "Architectural Drafting" Certificate units. 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 Drafting.

Department Advising Notes:

This map was created for students wishing to pursue a Certificate of Achievement, with an emphasis in Technology and Construction Documents. The Department provides 3 other focused Certificates of Achievements in Architectural Design, Architectural Computer-Aided Design and Architectural Drawing. 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 Certificate of Achievements are the foundation of specific Associate in Arts curriculum. 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 four Certificates of Achievement Programs, this 31 Unit Certificate is an emphasis in Technology and Construction Documents. This program provides introductory and advanced skill preparation for the workplace in the Architecture and Construction 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

Architectural Drafting and Technology focus on technical applications. This curriculum spans the areas of Design application/solutions, Construction Drawing/Detailing, Building Code application and the Construction process. Curriculum provides fundamental and advanced skill project execution. These become valuable examples of skill execution in ones Professional Portfolio used for employment opportunities. Career opportunities vary within the level of Technical skills and experience obtained in the industry. Entry level positions are identified by "Junior Draftsman" with the Architectural industry and starting salaries average around \$20.00 hour. The value of a Degree over that of the Certificate of Achievement may affect career sustainability, etc. Due to the added education exposure, one with a degree is assumed to provide a broader grasp of critical thinking and multiple discipline applications to problem solving. There are other industries that utilize the skills from a Architectural Drafting program (Construction Management, Industrial Design, etc.). Their salaries vary. University transfer requirements vary greatly. Technology requirements are limited, however, due to industry needs and advanced skills to assist the student in the transfer portal, these course are highly recommend for student success and portfolio development.

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 for the latest and most accurate information.

Contact

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