



Arts, Media, and Technology Career and Academic Pathways (CAPs) Program Map: Certificate of Achievement for Architectural Drafting

Total number of units: 31 units

Top Code/Academic Plan: 0201.01

Updated on November 29, 2021

Session 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

Session 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

Session 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

Session 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.

This map is a suggested term-by-term sequence of courses to complete the program in a recommended time frame. This is an efficient and recommended plan, but actual plans may vary by individual student need. This map cannot replace a meeting with [counselors](#). Students can apply for certificates as soon as the necessary courses are completed. Meet with a [counselor](#) and the [financial aid office](#) to ensure continued financial aid. Check with [financial aid](#) for eligibility.

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. Courses 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 one's 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 courses are highly recommended for student success and portfolio development.

Visit the [Transfer Center](#) for transfer information, which varies based on transfer college. Make an appointment with a [counselor](#). Students can visit [Career and Job Services](#) for career counseling and further exploration. For additional resources, students pursuing a certificate can visit the [American Job Center of California](#) on ELAC main campus.

Youtube Videos

[You Belong at East Los Angeles College](#)

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.

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

Alexis Navarro
Architecture Department Chairperson
navarraj@elac.edu
(323) 415-4116