

Guided Pathways: Redesigning ELAC



Visual & Performing Arts Career and Academic Pathways Program Map: Associate in Arts Degree for Architectural Drafting

Total number of units: 62 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 172	Architectural Drawing I	3	Prerequisite: ARC 170 or Consent of Instructor.	
Program Course	ENV 101	Foundations of Design I	3	Advisory: ARC 170.	
Program Course	ARC 185	Directed Study Architecture - Elective	1	Can be taken any semester upon Chair's approval.	
GE Course	Area D2: MATH 241 or 241S	Trigonometry with Vectors	4	Note: Schedule for all GE courses to be verified.	

Total Units 12

Intersession	Course Code	Course	Units	Notes	Notes for Part-time students
Program Course	ARC 161	Intro to Computer-Aided Architectural Design	2	Corequisite: ARC180.	
Program Course	ARC 180	Computer-Aided Architectural Lab	1	Corequisite: ARC 161.	

Total Units 3

Semester 2	Course Code	Course	Units	Notes	Notes for Part-time students
Program Course	ARC 115	Architectural Practice	2		
Program Course	ARC 173	Architectural Drawing II	3	Prerequisite: ARC 171.	
Program Course	ENV 102	Foundations of Design II	3	Prerequisite: ENV 101 - Advisory: ARC 170.	
GE Course	LACCD GED: ENGLISH 101	College Reading and Composition I	3	Note: Schedule for all GE courses to be verified.	

Total Units 11

Intersession	Course Code	Course	Units	Notes	Notes for Part-time students
Program Course	ARC 121	Freehand Drawing I	2		
GE Course	Area E / HEALTH 11	Principles of Healthful Living	3	Note: Schedule for all GE courses to be verified.	

Total Units 5

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 130	History of Architecture I	2		
Program Course	ARC 171	Architectural Detailing	2	Prerequisite: ARC 170 or Consent of Instructor.	
Program Course	ARC 210	Construction Estimating	3		

Semester 3	Course Code	Course	Units	Notes	Notes for Part-time students
Program Course	ARC 271	Architectural Drawing III	3	Prerequisite: ARC 173.	

Total Units 12

Interession	Course Code	Course	Units	Notes	Notes for Part-time students
GE Course	Area A / BIOLOGY 25	Human Biology	3	Note: Schedule for all GE courses to be verified.	

Total Units 3

Semester 4	Course Code	Course	Units	Notes	Notes for Part-time students
Program Course	ARC 131	History of Architecture II	2		
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.	
GE Course	Area C / PHILOSOPHY 1	Introduction to Philosophy	3	Note: Schedule for all GE courses to be verified.	

Total Units 13

Interession	Course Code	Course	Units	Notes	Notes for Part-time students
GE Course	Area B1 / POL SCI 1	The Government of the United States	3	Note: Schedule for all GE courses to be verified.	

Total Units 3

Degree Path and Requirements:

Associate in Arts Degree, Architectural Drafting. Requirements for an AA include: 30 "Architectural Drafting" Certificate units, 11 units from an array of recommended additional Architectural courses, and 21 units from the LACCD General Education Plan. 3 Units of program courses may double towards LACCD GE Area C (Arc 130 or Arc 131).

Department Advising Notes:

This map was created for students wishing to pursue a 2-year vocational degree, with an emphasis in Architectural Drafting and Technology. The Department provides another AA Degree in digital Computer-Aided Design, which focuses on digital skills and documentation. It is recommended to review the course map and the course descriptions found in the College General Catalog to determine student interest and associated pathway. During the process of the AA curriculum, a number of Certificate of Achievements and Skills Certificates are achieved. These certificates add value to the AA and assist with the Professional Portfolio and employment opportunities.

Note: This AA Map and Certificates 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 two Associated Degree Programs, this 2-year vocational degree, is an emphasis on Technology and Construction Documentation skills. 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. 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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