

Architectural Drafting - Certificate of Achievement

+If you have completed coursework at another college and/or are starting in a semester other than a Fall term, please follow up with the Counseling Department to determine if this sequence is appropriate for your academic and career goals.

Program Description:

The architectural drafting program is designed to prepare students for careers in industry as drafters or related occupations, and/or transfer to a four or five-year architectural program. Drafting technicians are in short supply, affording many employment opportunities for qualified individuals. The program provides students with entry-level skills and knowledge in the fields of computer and architectural drafting. Competencies include knowledge in AutoCAD generated drawings, current practices in architectural drafting and construction technology, 2-D and 3-D drawings, drafting techniques such as clarity, line weight expression and accuracy, to name a few. Upon completion of the program, students will be prepared for entry-level computer drafting positions. An associate degree and certificate can be earned in architectural drafting.

Program SLO:

Demonstrate proficiency in the core knowledge and skills required for employment in architectural drafting.

Important Information: *For students interested in earning an Associate's degree and/or transfer, please follow up with the Counseling Office for additional information @ <https://www.canyons.edu/counseling> or (661)362-3288/(661)362-3811.*

*Major courses are sequenced and **BOLDED** based on recommendations by the [Architecture Department](#)*

FA = Fall; WI = Winter; SP = Spring; SU = Summer

First Semester	(1-10 units minimum)		
Course	Title	Units	Major Courses
ARCHT 100	Careers in Architecture, Interior Design and Related Fields (FA, WI, SP, SU)	1	Major
ARCHT 110	Architectural Drafting (FA, WI, SP, SU)	3	Major
Choose one course: ARCHT 114 OR ARCHT 115	Architecture and Interiors History: Antiquity - Classical Revival (FA) OR Architecture and Interiors History: Classical Revival - Post Modern (SP)	3	Major
ARCHT 140	Materials and Methods of Construction (FA)	3	Major
	Term Totals:	10	

Second Semester	(11-19 units minimum)		
Course	Title	Units	Major
ARCHT 160	AutoCAD for Architecture and Interior Design (FA, SP, SU)	3	Major
ARCHT 180	Codes and Zoning Regulations (SP)	3	Major
ARCHT 190	Design II - Space Planning (FA, SP)	3	Major
	Term Totals:	9	

Third Semester		(20-25 Units)	
Course	Title	Units	GE Area
ARCHT 260	3-D CAD for Modeling/Animation (Rhino)	3	Major
ARCHT 270	Introduction to Building Information Modeling (BIM) (FA, SP)	3	Major
		<i>Term Total:</i>	6

Winter Intersession		(26 -28 Units)	
Course	Title	Units	GE Area
ARCHT 240	Architectural Design Portfolio (WI, SU)	3	Major
		<i>Term Total:</i>	3

Fourth Semester		(29-34 Units)	
Course	Title	Units	GE Area
Choose one course if not yet taken: ARCHT 114 OR ARCHT 115	<i>If you haven't yet taken Architectural History, choose:</i> Architecture and Interiors History: Antiquity - Classical Revival (FA) OR Architecture and Interiors History: Classical Revival - Post Modern (SP)	3	Major (if not yet taken earlier)
ARCHT 220	Advanced AutoCAD for Architecture and Interior Design (SP)	3	Major
ARCHT 290	Advanced Building Information Modeling (BIM) (SP)	3	Major
		<i>Term Total:</i>	6-9

Total Units: 34

Counseling Resources

Architecture Department Website: <https://www.canyons.edu/academics/architecture/index.php>

Counseling Department: <https://www.canyons.edu/student-services/counseling/index.php>

Petition for Certificate of Achievement: Petitions are due in the fall/spring/summer term you will complete the requirements and may be submitted before your last term or up until the final day of the term. The petition form must be reviewed with a counselor and may be found here:

https://www.canyons.edu/_resources/documents/student-services/admissions/Petition_for_Associate_Degree_and_Certificate_of_Achievement.pdf

Career Resources

Architecture Career Tree: <https://www.canyons.edu/academics/architecture/careertree/index.php>

California Career Zone: www.cacareerzone.org

O*Net Online - <https://www.onetonline.org/find/quick?s=Architect>

Bureau of Labor and Statistics - Architects: <https://www.bls.gov/ooh/architecture-and-engineering/architects.htm>

California Architects Board – Becoming a Licensed Architect:

https://www.cab.ca.gov/candidates/becoming_a_licensed_architect/

American Institute of Architecture Students: www.aias.org

Professional Associations:

National Architectural Accrediting Board: <https://www.naab.org/>

National Council of Architecture Registration Board: <https://www.ncarb.org/get-licensed/licensing-requirements-tool?state=AL>

Revised 2/5/21-CY2020/2021

American Institute of Architects, California Council (AIACC) <http://www.aiacc.org/>