

# Architectural Computer Aided 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:** Students will complete a series of Architectural Drafting Computer Aided Drafting (CAD) courses to become proficient in a high-skilled specialization that is in high demand.

**Program SLO:** Students will be able to demonstrate proficiency in the core knowledge and skills required for employment in architectural computer aided 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. For questions regarding the profession and discuss career goals, schedule an appointment with Jason Oliver, Department Chair ([Jason.Oliver@canyons.edu](mailto:Jason.Oliver@canyons.edu)).

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

First Semester (3 units minimum)

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

Course	Title	Units	Major Courses
ARCHT 110	Architectural Drafting (FA, WI, SP, SU)	3	Major
	<b>Term Totals:</b>	3	

Second Semester (4-6 units minimum)

Course	Title	Units	Major Courses
ARCHT 160	AutoCAD for Architecture and Interior Design (FA, SP, SU)	3	Major
	<b>Term Totals:</b>	3	

Third Semester (7-12 units minimum)

Course	Title	Units	Major Courses
ARCHT 260	3-D CAD for Modeling/Animation (Rhino) (FA)	3	Major
ARCHT 270	Introduction to Building Information Modeling (BIM) (FA, SP)	3	Major
	<b>Term Total:</b>	6	

Fourth Semester (13-18 units minimum)

Course	Title	Units	Major Courses
ARCHT 220	Advanced AutoCAD for Architecture and Interior Design (SP)	3	Major
ARCHT 290	Advanced Building Information Modeling (BIM) (SP)	3	Major
	<b>Term Total:</b>	6	

**Total Units: 18**

## Counseling Resources

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

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

Campus Alliances: <https://www.canyons.edu/administration/ie2/equity/alliances/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:

Revised 10/22/2021 - CY2021/2022

[https://www.canyons.edu/\\_resources/documents/student-services/admissions/Petition\\_for\\_Associate\\_Degree\\_and\\_Certificate\\_of\\_Achievement.pdf](https://www.canyons.edu/_resources/documents/student-services/admissions/Petition_for_Associate_Degree_and_Certificate_of_Achievement.pdf)

## **Career Resources**

### Professional Associations:

California Architects Board – Becoming a Licensed Architect:

[https://www.cab.ca.gov/candidates/becoming\\_a\\_licensed\\_architect/](https://www.cab.ca.gov/candidates/becoming_a_licensed_architect/)

American Institute of Architecture Students: [www.aias.org](http://www.aias.org)

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

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

National Council of Architecture Registration Board: [www.ncarb.org](http://www.ncarb.org)

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

California Career Zone: [www.cacareerzone.org](http://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>