

Points of Interest and Clarification: Architecture

What are the degree and certificate options offered by the Architecture Department?

- **Architectural CAD Mini Certificate** - *not in the catalog but active and on Curricunet:*
https://www.curricunet.com/fullerton/reports/program_report.cfm?programs_id=1036
- **Architectural CAD Certificate** – can be completed in 2-3 semesters
- **Architecture AS** – can be completed in approximately two years (2 years and one semester is advised)

See Catalog or <https://cte.fullcoll.edu/departments/architecture-construction/>

What job/career opportunities do the programs prepare students for?

More info can be found here: <https://cte.fullcoll.edu/departments/architecture-construction/>

Architecture CAD Certificate job/career opportunities:

- A student with the Arch CAD Certificate can be hired by an architectural and/or engineering firm for an Architectural Drafting internship or career position. The majority of firms are located in Irvine, Downtown LA and West LA. Smaller firms are located near Fullerton College.

Architecture AS job/career opportunities:

- A student with the Architecture AS can become an Architect after completing a 3,750 hr paid internship with an Architect that is in good standing in the state of CA. For more info go to: <http://architect.ca.gov/>
- Video Gaming Designer – creates virtual worlds for gaming. Additional courses in Game Programing may be required. Recommendation: FC Computer Game Programming Skills Certificate.
- Drafter for an Architect or Engineer
- Movie set designer
- Theater set designer
- Amusement park set designer – Disneyland Star Wars Land
- Naval ship architect

Success Stories:

- Ex: student who worked for HDR Architectural Firm in Downtown LA, had both certificate and Arch AS with portfolio (portfolio's created in Arch 227_F) and was offered a job as a drafter for 60K. He was also put on the pathway for licensure with a 3,750 hr internship (2-3 years). He didn't need a bachelors and will become an architect in their firm. To see online portfolio go to: jialvarez.design

- Arch AS degree student that is employed by an architecture firm designing the At-At Walker for Star Wars Land and Disneyland.
- The possibilities are broad and endless especially if you have an architecture license...students are using the degree to design prison furniture, cell phone towers, restaurants, bridges, jewelry, etc..

What are the occupational outlooks for these job/career opportunities in Orange County?
They are expanding, especially in Irvine.

How do you explain the benefits of a certificate or associates degree when the student is also planning to earn a Bachelor's degree?

Sometimes life gets in the way and an associate's degree and CAD certificate is something to fall back on. With an Associate's degree in Architecture you can still earn an architectural license. With an Architectural license, the sky is the limit. The BArch typically provides 3 years of credit towards licensure.

What permits or certifications are available to students and what help do they provide?

In California, as in other states, the law prohibits you from calling yourself an architect or practicing architecture unless you have been granted a license by the California Architects Board.

Education

NCARB.org (National Council of Architectural Registration Boards) provides information on licensing requirements for different types of students (including community college, foreign education, etc.)

The Board requires a total of five years of educational equivalents. This requirement can be met in any of the following ways:

- By obtaining a professional degree in architecture from a program accredited by the National Architectural Accrediting Board (NAAB) or the Canadian Architectural Certification Board (CACB)*
- By a combination of a non-accredited degree in architecture or other discipline plus work experience under the direct supervision of a licensed architect
- Solely by work experience under the direct supervision of a licensed architect

NOTE: Unlike many other states, California **does not require** a degree from an accredited program in architecture for examination and licensure. The degree from a NAAB-accredited program is the most common path and helps tremendously if you wish to practice in other states.

What student populations are the Architecture degree and Arch CAD certificate most appropriate for? For example, is the certificate more suitable for students who already have a degree?

- Both the certificate and degree are appropriate for diverse populations, students with or without a degree.

- The type of person who will thrive in this discipline are the deep philosophical thinkers that look at social problems from many angles. They are artists that sketch well, very technical, strong attention to detail, can easily learn computer programs. They are go getters that can receive criticism well and read and work well with others. Strong organization skills are a must!!!

What partnerships does the Architecture program have with the community and how can those partnerships assist students with networking and career placement?

- Amheart Solutions – a staffing agency that places throughout Orange and LA Counties (Orange, CA)
- XD Industries (Orange, CA)
- KP Studios (Lake Forest, CA)
- MCG Architecture (Irvine, CA)

What websites do Arch faculty direct students to for employment purposes?

- Bidclerk <https://www.bidclerk.com/> Research which firms are designing commercial construction projects. (free)
- Archinect <https://archinect.com/> (free)
- AIA Orange County <http://aiaorangecounty.org/jobs/> - (membership fee, discounted for college students.)
- SimplyHired
- LinkedIn

What additional advice would an Arch faculty provide a student interested in the program?

- Communications skills are important so taking a public speaking or argumentation and debate class will be valuable for defending designs.
- Being multilingual is an advantage for speaking with clients as well as construction builders.
- Prepare your loved ones for the long hours you will need to devote to study and the profession.
- You can also become a property developer with your own designs.

Best person to refer students to for more information about the program: Alan Ray, aray@fullcoll.edu

**Architecture CAD Certificate - Suggested Course Sequence for a full-time student
2018-2019 Catalog**

Fall

Arch 111_F (F,Sp, Su)

Arch 124_F (F,Sp) **not typically recommended with Arch 924_F unless full-time**

Arch 924_F (F,Sp)
 Arch 114_F (F,Sp)
 Spring
 Arch 934_F (F,Sp)
 Arch 227_F (F,Sp)
 Bus 180_F or Comm 135_F
 CSTR 031_F (alternative courses approved by Alan Ray: CSTR 033_F; CSTR 110_F;
 CSTR 60_F; CSTR 37_F; IDES 220_F; ARCH 113_F)
 Summer
 Comm 135_F or Bus 180_F

Architecture AS - Suggested Course Sequence for full-time non-transfer student 2021-2022 Catalog

Fall
 Arch 111_F (F,Sp, Su)
 Arch 113_F (F,Sp) *this class requires up to 20 hours of work outside of class*
 Arch 124_F (F,Sp)
 GE – Area C1: Art 121_F
 GE
 Spring
 Arch 114_F (F,Sp)
 Arch 125_F (F,Sp) *this class requires up to 20 hours of work outside of class*
 Arch 924_F (F,Sp)
 GE – Area A2: Comm 135_F
 Summer
 GE
 Fall
 Arch 215_F (F,Sp) *this class requires up to 20 hours of work outside of class*
 Arch 934_F (F,Sp)
 GE
 GE
 Spring
 Arch 225_F (F,Sp) *this class requires up to 20 hours of work outside of class*
 Arch 227_F* (F,Sp)
 GE
 GE
 PE

*Arch 227_F, Internship Class:

- students are encouraged to find an internship on their own, but the faculty will help place them.
- Course outcomes include the creation of an online portfolio.
- If student is working and the internship is not at their current job site, students can anticipate earning 2 units for the internship because of the time commitment.

Transfer Best Practices and Updates:

- Historically students earn their Licensure after earning a **B.Arch**. If a student is interested in transfer with the Arch AS and CAD Certificate, they should expect the completion of the degree and certificate to add time.
- GPA gets you into a B.Arch program, the portfolio places you in a year. The max a transfer student can enter a program is as a 3rd year Arch student.
- All B.Arch programs take 5 years full-time.
- Popular transfer destinations include: Cal Poly Pomona, USC, Woodbury (Burbank and SD), Sci-Arc (downtown LA), New School of Architecture & Design, and Cal Poly SLO.
- The program is currently working on articulation agreements with New School, Sci-Arc and Woodbury.
- Cal Poly Pomona Reps visit the Internship Arch 227_F class
- USC and Woodbury offer IPAL, a program that allows students to take their license exam and complete their hours while going through the B.Arch program. For more information on IPAL programs: <https://www.ncarb.org/become-architect/ipal>
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M.Arch Graduate Programs

- Students applying to M.Arch graduate programs that need to develop a portfolio are advised to take Arch 113_F.

Videos to share with prospective B.Arch Students:

- Interview with Architecture Students from **Cal Poly**.
<https://www.youtube.com/watch?v=Kt-UOFZ98Dw>
- Interview with Architecture Student from **Woodbury University**
https://www.youtube.com/watch?v=KAB4YeaV_O0