

Architectural CADD Technician I Certificate



CATALOG 2022-23

GE Pattern: none
Total Units: 18 Units
Program Code: ACT1.CERT



Additional Certificate/Degree Programs

Architectural Design and Drafting, AS * Engineering Drafting and Design, AS
* Electronics and Computer Technology, AS * Electronics Engineering
Technology: Electronics, AS * Geography, AA T * English, AA-T Drafting
Technician I Certificate * Architectural CADD Technician I Certificate

Year 1

Semester 1

9 Units

Category	Course	Title	GE Area	Unit
Req	ARCH 250	Introduction to REVIT for Architectural CAD (offered fall only)		3
Req	ENGD 101	Introduction to Drafting (offered fall only)		3
Req	ENGD 110	Introduction to 2-D AutoCAD		3



Semester 2

9 Units

Category	Course	Title	GE Area	Unit
Req	ARCH 108	Architectural Presentation (offered spring only)		3
Req	ENGD 103	Blueprint Reading for Construction		3
Req	ENGD 210	Advanced 2-D AutoCAD (offered spring only)		3

Category Key

(a)	Articulated Credit	A course taught at the high school that teaches the same content as the community college allowing the high school student to receive college credit.	GE	General Education	A course that fulfills a specific general education requirement for this degree, which can be replaced with another course that meets the same requirements.
Elec	Elective	A degree - applicable course that is part of a degree road map to ensure that there is a total of at least 60 units, which is a requirement for an AS degree.	RE	Restricted Electives	A course selected from a list of elective courses specified for this degree in the course list in the catalog, which can be replaced with another course from the same list.
Req	Required Core	A course that is required for this degree			

Must Receive a grade of C or better in all courses to receive a certificate



+505
5-year Job Demand
Increase in
MDCP Region

**Average Hourly
Wage**

\$44.56
MDCP Region

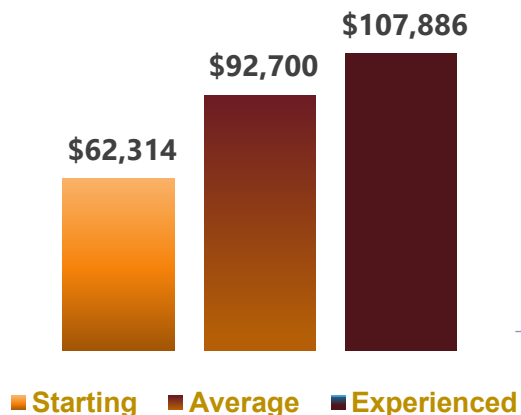
\$43.48
SB County

\$49.51
California

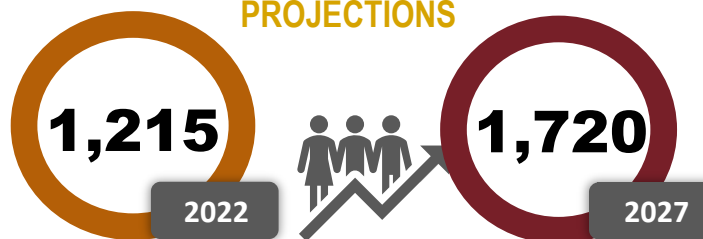


Salary Guide

AVERAGE BY EXPERIENCE

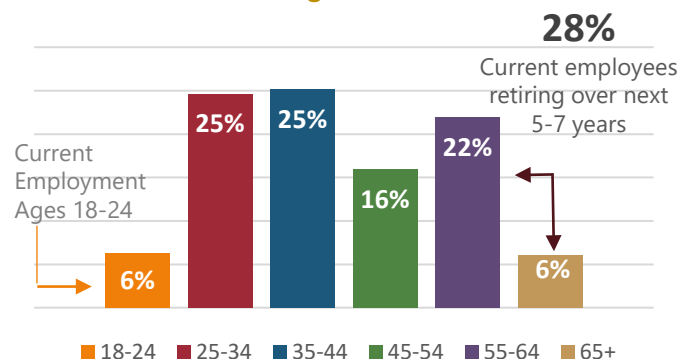


EMPLOYMENT PROJECTIONS



5-year demand includes new jobs, transfers, and retirements

Current Age Breakdown



AVERAGE WAGE INFORMATION PER JOBS IN REGION

Occupation	Average Hourly Wage			HD Average Salary
	HD	SBC	California	
CNC Tool Programmers (PSC)	\$35.14	\$34.28	\$36.31	\$73,100
Architectural and Civil Drafters (A)	\$29.52	\$29.57	\$30.81	\$61,400
Drafters (A)	\$29.70	\$29.53	\$32.11	\$61,800
Architectural and Engineering Managers (B)	\$77.04	\$73.28	\$90.84	\$160,200
Architects, Surveyors, and Cartographers (B)	\$43.46	\$43.16	\$46.23	\$90,400
[^] Civil Engineers (B)	\$48.91	\$50.20	\$54.42	\$101,900
Mechanical Engineers (B)	\$48.11	\$44.31	\$52.92	\$100,100

Average hourly wage based on listed occupations
(HS = High School Diploma; PSC = Postsecondary Certificate; A = Associates Degree;
B = Bachelor's Degree; M = Master's Degree, D = Professional or Doctorate Degree)

HD Average wages based on listed occupations
[^]High Demand Occupation



CONTINUING EDUCATION AND TRAINING

Program

AS Architectural Drafting & Design
BA Architecture
MS Architectural Technologies
MS Architecture & Urban Design
MS Computer Engineering
MS Electrical & Computer Engineering

College

Victor Valley CC
Cal Poly Pomona
SCI-Arc
UC Los Angeles
UC Riverside
UC Los Angeles

For additional information visit
<https://catalog.vvc.edu/degrees-certificates/architecture/#text>

LOCAL EMPLOYERS

Employer

Com AV
Exquadrum Inc.
General Atomics
Minerals Technologies
Northrop Grumman
NASA
Rio Tinto

Website

<https://www.comav.com/careers/>
<http://www.exquadrum.com/>
<https://www.ga-careers.com/>
<https://www.mineralstech.com/our-company>
<https://www.northropgrumman.com/>
<https://www.nasa.gov/>
<https://www.riotinto.com/careers>



Current Gender Breakdown

