



Program of Study: Architectural Drafting & Design

Associate of Arts/ Science Degree	M E T	I P	N E E D
2. AMERICAN INSTITUTIONS/STATE & LOCAL GOVERNMENT : (3 units)			
Political Science 101**, 105 and 106; Social Science 132. <small>(**Students who completed POL S 101 before Spring 2014 must also complete POL S 106).</small>			
3. U.S. HISTORY: (3units)			
Economics 111, History 116; History 110, 111(CD), 117, 118; Social Science 131			
4. MATHEMATICS			
Mathematics 101, 120, 131 or 220AB (2 units)			
5. HEALTH (3 units)			
Health 104, 106; Psychology 111(CD)* or equivalent will satisfy this requirement.			
6. PHYSICAL EDUCATION (2 units)			
physical education activity classes and/or dance activity classes			
7. FIRST AID (1 units)			
Health 101, 102; Emergency Medical Technology 140			
8. CULTURAL DIVERSITY (3 units)			
Courses that satisfy this requirement have been marked by (CD) and appear throughout the graduation requirements. The requirement may be satisfied by completing any one of the graduation requirements with a course marked (CD) or by completing Child Development 156.			
9. General Education: 18 units; 1 course from each areas			
A. Natural Science (3 units)			
B. Social Sciences (3 units)			
C. Humanities:			
1. Interdisciplinary Humanities (3 units)			
2. Arts, Foreign Language, Literature, & Philosophy (3 units)			
D. Lang & Reality:			
1.English Composition (3 units)			
2.Communication & Analytical Thinking (3 units)			
TOTAL UNITS 35-37			

***Students who complete POL S 101 prior to spring 2014 must also complete POL S 106

Online Resources



www.salarysurfer.cccco.edu



www.CaCareerZone.org



1500 North Verdugo Road, Glendale, CA 91208 [Academic Counseling](#) (818) 240-1000 Ext. 5918 [Career Center](#) (818) 240-1000 Ext. 5407 or 5408
SEE A COUNSELOR TO PREPARE A STUDENT EDUCATIONAL PLAN

PREREQUISITE COURSES	CERTIFICATE (Requirements)	U N I T S	M E T	I P	N E E D	Transfer Credit
	ARCH 101: Drafting and Basic Design	3				CSU
ARCH 101 or equivalent	ARCH 102 Architectural Drafting and Design	3				CSU
ARCH 101 or ENGR 101 or equivalent	ARCH 103 Descriptive Geometry	3				CSU, UC, USC
ARCH 101 or equivalent	ARCH 105 Perspective Graphics	3				CSU, UC, USC
ARCH 101 or equivalent	ARCH 106 Building Codes I	3				CSU
ARCH 101 or equivalent	ARCH 120 Residential Architectural Design I	3				CSU
ARCH 120 or equivalent	ARCH 125 Residential Architectural Design II	3				CSU
ARCH 102 or equivalent	ARCH 130 Commercial Architectural Design I	3				CSU
ARCH 130 or equivalent	ARCH 135 Commercial Architectural Design II	3				CSU
	ART 130 2d Foundations	3				CSU, UC, USC
	or					
	ART 150 Drawing Foundations	3				CSU, UC, USC
	BUSAD 152 : Management Communications-Oral	3				CSU
ARCH 101 or ENGR 101 or equivalent	ENGR 109 Basic AutoCAD Applications	3				CSU
	T ED 140 Fundamentals of Engineering Documentation	3				
	T ED 142* Technical Mathematics I	3				
TOTAL UNITS REQUIRED 42						

* Units earned for this course may not be applied toward the 60 units for graduation

Student / Faculty Notes:



Engineering and Design

Whether you want to help design computer chips that make machines run faster or help create water treatment plants that slow down pollution, this pathway can lead you to a dream career.

You'll have a choice of five different programs on this pathway: Architectural and Structural Engineering; Computer Hardware, Electrical and Network Engineering; Engineering Design; Engineering Technology; and Environmental and Natural Science Engineering. No matter which you choose, you'll get the technical education and the hands-on experience you'll need to help create the world of tomorrow.



Engineering and Design

The blueprint for a great career.

Surveyors \$29.80 - \$41.70

Civil Engineering Technicians \$23.61 - \$34.62

Engineering Technicians \$21.25 - \$37.34

Surveying and Mapping Technicians \$20.71 - \$33.44

Architectural and Civil Drafters \$20.12 - \$31.39

Industrial Engineering Technicians \$19.31 - \$31.72

Source:
www.WhoDoUWant2b.com



How much can you make?



Technical Level Careers

(with AA or AS degree or certificate)

- Plan Checker
- Surveyor
- Estimator
- Electrical Engineering Technician
- Mechanical Engineering Technician
- Laboratory Technician
- Civil Engineering Technician
- Chemical Engineering Technician
- Aerospace Engineering Technician

Professional Level Careers

(with BS or BA degree)

- Mechanical Engineer
- Aerospace Engineer
- Agricultural Engineer
- Electrical Engineer
- Computer Hardware Engineer
- Telecommunications Engineer
- Landscape Architect
- Materials Engineer
- Industrial Designer
- Civil Engineer
- Structural Engineer

O*NET ONLINE

www.Online.OneToOnline.org

Has detailed descriptions of the world of work for use by job seekers, students, researchers, and more! Click on "find occupation".