



Program of Study: CAD (Computer Aided Design) Skill Award

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									

PREREQUISITE COURSES	CERTIFICATE (Requirements)	U N I T S	M E T	I P	N E E D	Transfer Credit
	ENGR 101: Basic Design & Drafting	3				CSU, UC, USC
ENGR 101 or ARCH 101	ENGR 109: Basic AutoCAD Applications	3				CSU, UC
ENGR 109	ENGR 110:Advanced AutoCAD Applications	3				CSU, UC, USC
ENGR 101	ENGR 111: Basic SolidWorks Applications	3				CSU
ENGR 111	ENGR 112: Advanced SolidWorks Applications	3				CSU
TOTAL UNITS REQUIRED		15 units				

Student/ Faculty Notes:

***Courses with an asterisk may be counted in one area only.
***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
SEE A COUNSELOR TO PREPARE A STUDENT EDUCATIONAL PLAN

[Academic Counseling](#) (818) 240-1000 Ext. 5918 [Career Center](#) (818) 240-1000 Ext. 5407 or 5408



Engineering and Design

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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.



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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

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