

Cluster: Engineering and Architecture

**Career Pathways** 

## Engineering Technology, Engineering Design

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

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Associate of Arts/ Science  Degree	E	I P	E E					
2. AMERICAN INSTITUTIONS/STATE & LOCAL								
GOVERNMENT : (3 units) Political Science 101**, 105 and 106; Social		1		1				
Science 132.								
(**Students who completed POL S 101 before Spring 2014 must also complete POL S 106).								
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)		L						
TOTAL UNITS 35-37								

\*\*\*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.ccco.edu



www.CaCareerZone.org

PREREQUISITE COURSES	SKILL AWARD (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:

1500 North Verdugo Road, Glendale, CA 91208 SEE A COUNSELOR TO PREPARE A STUDENT EDUCATIONAL PLAN

<u>Academic Counseling</u> (818) 240-1000 Ext. 5918 <u>Career Center</u> (818) 240-1000 Ext. 5407 or 5408

Checklist

Revised 9/12/16