



Program of Study: CAM (Computer Aided Manufacturing) 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
	MACH 101: Basic Machine Shop Practices	3				CSU
	CAM 210: Basic CNC Milling	3				
CAM 210	CAM 211:Intermediate CNC Milling	3				
	CAM 220 : Basic CNC Lathe	3				
CAM 210	CAM 230 : Master CAM and CNC Milling Practice	1				
CAM 220	CAM 240 :Master CAM and CNC Lathe Practice	1				
	ENGR 102 : Print Reading for Industry	2				CSU
TOTAL UNITS REQUIRED 16						

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

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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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