



Program of Study: **Computer Programmer**

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. (**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)									
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

PREREQUISITE COURSES	CERTIFICATE (Requirements)	U	N	I	T	S	M	E	T	I	P	N	E	E	D	Transfer Credit
CABOT 103 or equivalent	CABOT 102 English for Business	3														
	CS/IS 101: Introduction to Computer and Information Systems	5														CSU, UC, USC
	CS/IS 112: Introduction to Programming Using JAVA	3														CSU, UC, USC
	CS/IS 120: Visual Basic	3														CSU, UC, USC
	or															
	CS/IS 137: Advanced C/C++ Programming	4														
	CS/IS 130 Introduction to Algorithms	4														CSU, UC, USC
CS/IS 112	CS/IS 135: Programming in C/C++	4														CSU, UC, USC
	CS/IS 139: JAVA	4														CSU, UC, USC
TOTAL UNITS REQUIRED 27-28																

Student / Faculty Notes:

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



Information Technology

Computers are everywhere in our professional and personal lives, and people who can help those computers communicate with us- and with each other- are in high demand. If you want to know computers inside and out, the Information Technology Industry career pathway might be perfect for you.

You'll get a strong base of skills on this pathway as you learn to evaluate data, work with people and communicate clearly. This knowledge will be the foundation on which you can build several different amazing careers in the information technology industry. .

With the increased use of computers in our everyday lives, there aren't many other career paths that offer as much fantastic opportunity as the Information Technology Industry path



Technical Level Careers

(with AA or AS degree or certificate)

- Computer Support Specialist
- LAN Support Technician
- Software/Hardware Installer
- Network Administrator
- Data Communications Specialist
- Computer Graphic Artist
- Desktop Publisher
- Multimedia Specialist
- Web Designer
- Webmaster
- Database Administrator

Professional Level Careers

(with BS or BA degree)

- Computer Programmers
- Computer Security Specialist
- Database Administrators
- Software Engineers
- Information Systems Architect
- Tower Project Coordinator
- Systems Engineer
- Network Analyst
- Graphic Designer
- Multimedia Artist/Animator
- Corporate Communications Manager

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