Cluster: Information Technology

Guided
Career Pathways

Information Support /
Network Communication

Program of Study: Computer Software Technician

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

Online Resources

SalarySurfer

www.salarysurfer.cccco.edu

WWW.CaCareerZone.org

PREREQUISITE COURSES	CERTIFICATE (Requirements)	U N I T S	M E T	I P	N E E D	Transfer Credit
	CS/IS 101: Introduction to Computer and Information Systems	5				CSU, UC, USC
CS/IS 112	CS/IS 112: Introduction to Programming Using JAVA Or CS/IS 135: Programming in C/C++	3 or 4				CSU, UC, USC
	CS/IS 190 Intro to Computer Networks	3				CSU
	ECT 103: Introduction to Digital Logic	4				
	ECT 110: Basic Electricity – Electronics	4				
	ECT 112: Microcomputer Troubleshooting and Repair	4				
Select courses from the following list to complete the minimum 32 units						
CABOT 105 or eligibility for ENGL 101	BUSAD 106: Written Business Communications	3				CSU
	BUSAD 110: Human Relations in Business	3				CSU
	CABOT 206 Macintosh Basics	1				
	CABOT 208: Windows Basics	1				
	CS/IS 120: Visual Basic	3				
	CS/IS 130: Introduction to Algorithms	3				CSU, UC, USC
CS/IS 112	CS/IS 135: Programming in C/C++	3				CSU, UC, USC
	CS/IS 137 : Visual C++ Object-Oriented Programming and Advanced Topics	4				CSU, UC, USC
	CS/IS 139: JAVA	3				
	CS/IS 191: Internet Orientation	1				
	ECT 100: Technical Math for Electronics	3				
	ECT 101: Electronics Circuits I (DC)	4				
	ECT 102: Electronics Circuits II (AC)	4				
	ECT 124: Introduction to Microprocessors- Digital Technology	4				
	ECT 201: Solid State Devices	4				
	ECT 204: Microcomputer Technology II	4				
TOTAL UNITS REQUIRED 32						

*CABOT 105 is appropriate for certificate students.   ** No credit will be granted if ACCTG 110 is taken after ACCTG 101.   ***If not used to fulfill core requirement.

Student / Faculty Notes:

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

Checklist   Revised 9/12/16

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

Information Technology

Get all the information about your dream career.

Computer Programmers $29.92 - $49.90

Network and Computer Systems Administrators $28.41 - $46.74

Database Administrators $27.21 - $53.00

Computer Support Specialists $18.34 - $30.25

Computer Repairers $14.44 - $24.51

Source: www.WhoDoUWant2b.com

$ **How much can you make?** ● ● ●

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

O*NET ONLINE
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