Cluster: Information Technology

Guided
Career Pathways   Media Support / Network Communication

Program of Study: **Computer Information Systems**

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			

PREREQUISITE COURSES	CERTIFICATE (Requirements)	U N I T S	M E T	I P	N E E D	Transfer Credit
CABOT 105 or eligibility for ENGL 101, ENGL 120, 199, or ESL 151 or equivalent or placement test scores	BUSAD 106: Written Business Communication or ENGL 101: Written Business Communication Freshman English	3 or 3				CSU ------------ CSU, UC, USC
	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 or CS/IS 135: Programming in C/C++	3 or 3				CSU, UC, USC
CS/IS 112	CS/IS 172: Unix/Linux Operating System	4				CSU, UC, USC
	CS/IS 190: Networking and Telecommunications	3				CSU
	CS/IS 191: Internet Orientation	1				
Select courses from the following list to complete a total of 32 units						
	BUSAD 110: Human Relations in Business	3				
	CS/IS 120: Visual Basic	3				CSU, UC, USC
	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 137 : Advanced C and C++ Programming	4				CSU, UC, USC
	CS/IS 139: JAVA	4				CSU, UC, USC
	CS/IS 140: COBOL Programming I	4				CSU, UC
Completion of 12 units with a 2.5 GPA or better and concurrent enrollment in 3 additional units.	Internship 050 (CS/IS)	3				
TOTAL UNITS REQUIRED 32						

Student / Faculty Notes:

Online Resources

Salary Surfer
www.salarysurfer.cccco.edu

www.CaCareerZone.org

GLENDALE COMMUNITY COLLEGE

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

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

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