

COMPUTER INFORMATION SYSTEMS

Program Description

This program generally prepares individuals to perform basic data and text entry using standard and customized software products. This includes instruction in keyboarding skills, personal computer and work station operation, reading draft texts and raw data forms, and various interactive software programs used for tasks such as word processing, spreadsheets, databases, and others.

Campus

MOV, NOR, RIV

Award Type

AS, S, CP

Career Opportunities

- Application Analysis Programmer
- Computer Operations Manager
- Computer Support System
- Computer System Hardware Analyst
- Network Administrator
- Programmer Analyst
- Software Analyst
- Software Engineer

Wages

	Annual	Hourly
Computer Software Engineer	\$93,062	\$48.47
Computer Support Specialist	\$48,152	\$25.07
Network Administrator	\$72,517	\$37.69
Software Analyst	\$76,667	\$39.93

Contact Information

Moreno Valley – (951) 571-6125
 Norco – (951) 372-7067
 Riverside – (951) 222-8551

COMPUTER APPLICATIONS

AS726/CE726

Certificate Program

Required Courses (31.5 units)		Units
CIS-1A	Introduction to Computer Information Systems	3
CIS-1B	Advanced Concepts in Computer Information Systems	3
CIS-5	Fundamentals of Programming Logic using C++	3
or		
CIS-28A	MS Access Programming	3
CIS-21	Introduction to Operating Systems	3
CIS-95A	Introduction to the Internet	1.5
CAT-31	Business Communications	3
or		
BUS-22	Management Communications	3
Electives 1	(Choose from list below)	7.5
Electives 2	(Choose from list below)	7.5

Electives 1 (7.5 units)

CIS-2	Fundamentals of Systems Analysis	3
CIS-23	Software and End User Support	3
CIS-25	Data Communications	3
CIS-61	Introduction to Databases	3
CIS/CAT-80	Word Processing: Microsoft Word for Windows	3
CIS/CAT-84	Word Processing: WordPerfect for Windows	3
CIS/CAT-98B	Advanced Excel	1.5
GIS-1	Introduction to Geographic Information Systems	3

Electives 2 (7.5 units)

CIS-12	PHP Dynamic Web Site Programming	3
CIS-14A	Web Programming: Java Script	3
CIS-14B	Web Programming: Active Server Pages	3
CIS/CAT-54A	Introduction to Flash	3
CIS/CAT-56A	Designing Web Graphics	3
CIS/CAT-72A	Introduction to Web Page Creation	1.5
CIS/CAT-72B	Intermediate Web Page Creation using Cascading Style Sheets (CSS)	1.5
CIS-73A	Introduction to Multimedia Authoring	3
CIS/CAT-76A	Website Creation using Microsoft FrontPage	3
CIS/CAT-76B	Introduction to DreamWeaver	3
CIS/CAT-78A	Introduction to Adobe PhotoShop	3
CIS/CAT-79	Introduction to Adobe Illustrator	3
CIS/CAT-81	Introduction to Desktop Publishing using Adobe InDesign	3

Associate in Science Degree

The Associate in Science Degree in Computer Information Systems, Computer Applications, will be awarded upon completion of the requirements for the certificate, plus completion of the graduation requirements as described in the catalog, as well as electives totaling 60 units of college work as required for the Associate Degree.

