

COMPUTER INFORMATION SYSTEMS DEGREE AND CERTIFICATE PROGRAM

ASSOCIATE IN SCIENCE DEGREE IN COMPUTER INFORMATION SYSTEMS

Major Code: 070103

This certificate program provides the student with minimum skills training necessary for entry level positions. Units earned toward this certificate may be applied toward the A.A Degree in Business Administration or the A.S Degree in computer information Systems. The Certificate of Achievement is awarded upon completion of minimum of 30 units.

Select a minimum of 20 units from the list below

COMPONENT I:	CIS Degree Core	30 units
COMPONENT II:	CIS Degree Electives	12 units
COMPONENT III:	G.E. Requirements(Graduation Plan B)	18 units
	CIS Degree Minimum:	60 units

COMPONENT I: CIS Degree Core

The CIS Degree Core must be completed by all candidates

Course	Description	Units
BUS 1	Introduction to Business	3
BUS 60	Keyboarding Fundamentals	1
Co Info 1	Principles of Business Computer Systems	3
with Co Info 23 or 64	Programming Lab	1
Co Info 8	Microcomputer Applications	3
with Co Info 23 or 64	Programming Lab	1
Co Info 15	Database programming	3
with Co Info 23 or 64	Programming Lab	1
Co Info 16	Spreadsheet Applications	3
with Co Info 23 or 64	Programming Lab	1
Co Info 21	Business Computer Programming	3
with Co Info 23 or 64	Programming Lab	1
Co Info 24	Accounting on Microcomputers	2
	Total Core Units	30

COMPONENT II: CIS Degree Electives

Select a minimum of 12 units from the list below:

Course	Description	Units
ACCTG 1	Introductory Accounting I	5
ART 633	Introduction to Computer Graphics	3
BUS 5	Business Law	3
BUS 31	Business English	3
BUS 38	Business Computations	3

Course	Description	Units
Co Info 7	Introduction to Multimedia	3
with Co Info 23 or 64	Programming Lab	1
Co Info 14	Introduction to Computer Communications	3
with Co Info 23 or 64	Programming Lab	1
Co Info 15	Database Programming	3
with Co Info 23 or 64	Programming Lab	1
CO TECH 35	Linux+	3
CO TECH 80	Server+	3
CO SCI 92	HyperText Markup Language	3
with Co Info 23 or 64	Programming Lab	1
CO SCI 344	Programming in Java	3
with Co Sci 53	Programming Lab	1

SKILLS CERTIFICATES IN COMPUTER INFORMATION SYSTEMS

This certificate provides training in the skills necessary for creating business application software.

SKILLS CERTIFICATE IN PROGRAMMING

Major Code: 070401

This certification provides training in the skills necessary for creating business application software.

Course	Description	Units
Co Info 1	Principles of Business Computer Systems	3
with Co Info 23 or 64	Programming Lab	1
Co Info 15	Database programming	3
with Co Info 23 or 64	Programming Lab	1
Co Info 21	Business Computer Programming	3
with Co Info 23 or 64	Programming Lab	1
Co Info 27	Programming in Java	3
with Co Info 23 or 64	Programming Lab	1
or		
CO SCI 92	HyperText Markup Language	3
with Co Info 23 or 64	Programming Lab	1
	Total	16

SKILLS CERTIFICATE IN BUSINESS SOFTWARE APPLICATIONS

Major Code 070402

This certificate prepares the student for certification and employment using Microsoft® Office applications.

Course	Description	Units
Co Info 1	Principles of Business Computer Systems	3
with Co Info 23 or 64	Programming Lab	1
Co Info 8	Microcomputer Applications	3
with Co Info 23 or 64	Programming Lab	1
Co Info 15	Database programming	3
with Co Info 23 or 64	Programming Lab	1
Co Info 16	Spreadsheet Applications	3
with Co Info 23 or 64	Programming Lab	1
	Total	16

SKILLS CERTIFICATE IN WEB DEVELOPMENT

Major Code 070403

This certificate provides training in the skills necessary for the student to create and maintain interactive internet and web sites.

Course	Description	Units
Co Info 1	Principles of Business Computer Systems	3

Course	Description	Units
with Co Info 23 or 64	Programming Lab	1
Co Info 7	Introduction to Multimedia	3
with Co Info 23 or 64	Programming Lab	1
Co Info 14	Introduction to computer Communications	3
with Co Info 23 or 64	Programming Lab	1
Co Info 27	Programming in Java	3
with Co Info 23 or 64	Programming Lab	1
CO SCI 92	HyperText Markup Language	3
with Co Info 23 or 64	Programming Lab	1
CO SCI 92	HyperText Markup Language	3
with Co Info 23 or 64	Programming Lab	1
	Total	16

For information on Student Learning Outcomes for this program, go to
http://www.lahc.edu/slo/program.html