

NEW Degree Program

Associates in Science—Computer Information Technologist

The Computer Information Technologist degree was developed in conjunction with our local national labs and industry partners to provide students with a breadth of coursework and practical hands-on experience needed by entry level IT professionals. The program includes core courses that provide students with a strong foundation in: computer programming, computer networking, and database design and administration. Additional electives in each of the areas, provide students with the flexibility to focus their studies in one of these areas based on their interests and talents. Another key component of the degree will be internships and work experience opportunities to provide real-world opportunities to put the skills students have learned in the classroom to practical use.

Career Opportunities

Students completed the Associates of Sciences degrees in Computer Information Technologist will be prepared for careers in database design and administration, software development, network and systems administration, computer systems analysis, and computer help desk and system support.

Freshman Year

CS 7	Introduction to Computer Programming Concepts	3
CIS 65	Introduction to Desktop Operating Systems.....	2
	or CNT 50 Introduction to Desktop Operating Systems	2
CIS 66	Networking Fundamentals.....	3
	or CNT 52 Networking Fundamentals.....	3
CS 1	Computing Fundamentals	4
	or CS 31 Java Programming.....	4
CIS 43	Professional Communications.....	3

Sophomore Year

CNT 69	Network Security Sec+	3
CIS 9002	ORACLE: Database Design and SQL Programming.....	3
CIS 60	Systems Analysis and Design.....	3
CS 41	Intro to LINUX/UNIX, LINUX+	4
	or CNT 7401 Intro to LINUX/UNIX, LINUX+	4

One of the following options for a total of 3 units

INTN 1	Internship Seminar	1
	and INTN 2 Internship Field Placement	2
WRKX 96	Work Experience Seminar	1
	and WRKX 95 Work Experience	2
CS 47	Capstone Project	3



Electives Units

Select from the list below for a total of 10 units

Programming Electives

CS 2	Computing Fundamentals II	4
CS 20	Advanced Programming with Data Structures/C++	4

Networking/A+ Electives

CNT 51	CompTIA's A+ Certification Computer Technician	4
CNT 55	Installing & Configuring Windows Server MCSA I	3
CNT 56	Administering Windows Server MCSA II	3

Database/Project Management Electives

CIS 62	Project Management	3
CIS 9001	Database Design Methodology	2

General Education 16

Program Based General Education

CIS 50	Intro to Computing Info Tech	3
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Total Units 60