

# Computer Information Technology (CIT), Associate of Science Degree

This program offers to the students a technical training and a basic foundation in the most demanded computer software applications as well as a general background in many computer concepts and techniques. Our graduates are ready to get positions as entry-level in application system specialist, user support specialist, and computer information managers. The program also includes a fifteen-credit-hour component of General Education/Liberal Arts courses and offers the foundation necessary to continue onto a Bachelor's Degree. FNU awards an Associate of Science Degree upon graduation.

## GRADUATION REQUIREMENTS (A MINIMUM OF 60 CREDITS)

### REQUIRED COURSES

#### General Education Requirements

Credit Hours

#### COMMUNICATIONS (6 CREDITS)

ENC 1101	English Composition I **	3	
SPC 1017	Fundamentals of Oral Communication	3	

#### HUMANITIES (3 CREDITS)

#### BEHAVIORAL / SOCIAL SCIENCE (3 CREDITS)

#### MATHEMATICS (3 CREDITS)

MAC 1105	College Algebra I **	3	
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#### COMPUTERS (4 CREDITS)

Credit Hours

CGS 1030	Introduction to Information Technology	4	
SLS 1501	College Study Skills	0	

#### CORE REQUIREMENTS (30 CREDITS)

CGS 1516c	Spreadsheet Applications	3	
CGS 1788c	Graphics Design I	3	Adobe
CGS 1820C	Web Programming I	3	
CGS 2540c	Database Management Systems ***	4	MOS***
CNT 2000c	Networking Essentials	3	Network+
COP 1250c	Java Programming I	4	
CTS 2151c	A+ Computer Maintenance and Repair I	3	CompTia A+
CTS 2152c	A+ Computer Maintenance and Repair II	3	CompTia A+
CTS 2300c	Client Operating Systems	4	MCSA

#### SUGGESTED ELECTIVES (11 CREDITS)

CGS 1500c	Word Processing	3	
CGS 1522c	Microsoft Office Specialist / PowerPoint	3	
CGS 3092	Cyberethics	3	
CIS 2202	Introduction to Computer Forensics	3	
CNT 2401	Network Security	4	
CTS 1651	LAN Switching and Wireless	4	
CTS 2155c	IT Help Desk Support	4	CompTia A+
CTS 2302c	Active Directory Service	4	
CTS 2328c	Server Installation, Configuration & Adm.	4	
CTS 2650	Routing Protocols and Concepts	4	

All Credit Courses from within this division or any other division can be used as Suggested Electives.

\*General Education (see page 219)

\*\*This course has prerequisites; check course descriptions.

MOS = Microsoft Office Professional certification.

MCSA = Microsoft Certified Solutions Associate

MTA = Microsoft Technology Associates Certification - Developer Track

Network+ = Skills to design, configure and manage computer networks

CompTia A+ = Hardware/Software and Support of IT Technologies

Adobe = Adobe Certified Expert on Photoshop