

CIT - Information Systems Support

Associate of Applied Science Degree

Program Director: Cheryl Simpson

Program Faculty: Steven Robinett

Upon completion of the Information Systems Support Degree, students will be able to maintain personal computers, repair and troubleshoot common hardware problems, and use and assist end-users in using common software applications.

Outcomes

Graduates are prepared to:

- Create, manage, and modify databases as preparation for the examination to attain the Microsoft Certified Application Specialist – Access.
- Create, manage, and modify electronic spreadsheets as preparation for the examination to attain the Microsoft Certified Application Specialist – Excel.
- Create, manage, and modify word processing documents as preparation for the examination to attain the Microsoft Certified Application Specialist – Word.
- Create, modify, and troubleshoot computer programs to develop computer programming skills.
- Create effective web pages that include links, graphics, sound, tables, forms, and style sheets using common editors incorporating CSS and HTML5.
- Implement, administer, and troubleshoot operating systems that incorporate Microsoft Windows (desktop and server) and Linux.
- Design and implement small networks in a virtual environment to prepare for industry certification. Preparation for CompTIA Network+.
- Troubleshoot and repair microcomputers as preparation for the examination to attain the CompTIA A+ certification.
- Design and manage networks to incorporate industry security policies and standards in preparation for CompTIA Security+ certification.
- Develop proficiency in assisting end users with troubleshooting.

Estimated Cost

Estimated Resident Program Cost*

Tuition and Fees	\$7,604
Application Fee	\$30
Lab Fees	\$930
Books/Supplies	\$1,638
Total	\$9,662

*

Fall 2022 MUS Student Health Insurance Premiums may be changing. Please check the Health Insurance website (<http://students.gfcmsu.edu/insurance.html>) and/or Student Central for confirmed premium rates. Students will be charged an additional fee of \$21 per credit for online/hybrid courses.

Program Requirements

Many students need preliminary math and writing courses before enrolling in the program requirements. These courses may increase the total number of program credits. Students should review their math and writing placement before planning out their full program schedules.

Course	Title	Credits	Grade/Sem
First Year			
Fall			
CSCI 100	Introduction to Programming *+	3	_____
CSCI 105	Computer Fluency +	3	_____
ITS 164	Networking Fundamentals +	3	_____
M 105	Contemporary Mathematics **+	3	_____
Select one of the following:			
WRIT 101	College Writing I **+	3	_____
WRIT 121	Intro to Technical Writing **+	3	_____
Credits		15	
Spring			
COMX 115	Introduction to Interpersonal Communication +	3	_____
ITS 210	Network Operating System - Desktop *+	3	_____
ITS 212	Network Operating System—Server Admin *+	3	_____
ITS 218	Network Security *+	3	_____
ITS 280	Computer Repair and Maintenance *+	4	_____
Credits		16	
Second Year			
Fall			
BGEN 105	Introduction to Business +	3	_____
CSCI 181	Web Design and Programming +	4	_____
ITS 215	Network Operating Systems - Directory /Infrastructure *+	4	_____
Technical Electives ***		6	_____
Credits		17	
Spring			
BGEN 220	Business Ethics and Social Responsibility +	3	_____
CAPP 156	MS Excel *+	3	_____
ITS 224	Introduction To Linux *+	4	_____
Select one of the following:			
ITS 298	Internship *+	3	_____
ITS 299	Capstone *+	3	_____
Credits		13	
Total Credits		61	

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Indicates prerequisites needed.

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Placement in course(s) is determined by placement assessment.

Technical electives must be approved by program director.

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A grade of C- or above is required for graduation.