

# CIT - Microcomputer Support

## Associate of Applied Science Degree

Program Director: Steve Robinett

Upon completion of the Microcomputer 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 using Java to develop computer programming skills.
- Create effective web pages that include links, graphics, sound, tables, forms, and style sheets using common editors.
- Implement, administer, and troubleshoot computer systems that incorporate Microsoft Windows 7 as preparation for the examination to attain the Windows 7 Configuration Microsoft Certified Technology Specialist 70-620.
- Install, configure, operate, and troubleshoot medium-sized router and switched networks as preparation for the CCNA (Cisco Certified Network Associate) certification.
- Troubleshoot and repair microcomputers as preparation for the examination to attain the CompTIA A+ certification.
- Train and support microcomputer end-users to include developing and delivering training modules and developing strategies for providing on-going technical support.

Estimated Cost

### Estimated Resident Program Cost\*

Tuition and Fees	\$6,510
Application Fee	\$30
Lab Fees	\$175
Books/Supplies	\$2,274
Total	\$8,989

\* Fall 2017 MUS Student Health Insurance Premiums will be changing. Please check the Health Insurance website (<http://students.gfcmu.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.

### GFC MSU Additional Graduation Requirement

Course	Title	Credits	Grade/Sem
COLS 103	Becoming a Successful Student +	1	_____

Course	Title	Credits	Grade/Sem
<b>First Year</b>			
<b>Fall</b>			

CSCI 105	Computer Fluency +	3	_____
NTS 104	CCNA 1: Intro to Networks *+	3	_____
NTS 105	CCNA 2: Routing & Switching *+	3	_____
Select one of the following:			

WRIT 101	College Writing I **+	3	_____
WRIT 122	Intro to Business Writing **+	3	_____
Select one of the following:			

M 095	Intermediate Algebra **+	4	_____
M 121	College Algebra **+	3	_____
M 151	Precalculus **+	4	_____
M 171	Calculus I **+	4	_____
<b>Credits</b>		<b>15-16</b>	

<b>Spring</b>			
CAPP 158	MS Access *+	3	_____
COMX 115	Intro to Interpersonal Communc +	3	_____
ITS 210	Network OS - Desktop *+	3	_____
NTS 204	CCNA 3: Scaling Networks *+	3	_____
NTS 205	CCNA 4: Connecting Networks *+	3	_____
<b>Credits</b>		<b>15</b>	

<b>Second Year</b>			
<b>Fall</b>			
BGEN 105	Introduction to Business +	3	_____
CAPP 154	MS Word *+	3	_____
CSCI 111	Programming with Java I *+	3	_____
MART 231	Interactive Web I *+	4	_____
Technical Electives ***		3	_____
<b>Credits</b>		<b>16</b>	

<b>Spring</b>			
CAPP 156	MS Excel *+	3	_____
ITS 280	Computer Repair & Maintenance *+	4	_____
ITS 299	Capstone: Internship *+	3	_____
ITS 224	Introduction To Linux	4	_____
<b>Credits</b>		<b>14</b>	

**Total Credits** **60-61**

\* Indicates prerequisites needed.

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

\*\*\* Technical electives must be approved by program director.

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