CIT - Information Systems Support

Associate of Applied Science Degree

Program Director: Steven Robinett
Program Faculty: Cheryl Simpson

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*

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<table>
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<tr>
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<tbody>
<tr>
<td>Tuition and Fees</td>
<td>$7,604</td>
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<td>Application Fee</td>
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<td>Lab Fees</td>
<td>$930</td>
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<td>Books/Supplies</td>
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<td><strong>Total</strong></td>
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* 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 296 | Internship *-*                                      | 3       | _______
ITS 299 | Capstone *-*                                        | 3       | _______

Credits 13

Total Credits 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.