

Computer Information Technology

|                                                           | Students will be able to identify and evaluate information technology infrastructure necessary to meet an organization's business needs. | Students will be able to develop, plan and evaluate appropriate processes for managing information systems and information technology projects. | Students will be able to design, develop, and evaluate software solutions to meet an organization's business needs. | Students will be able to apply their technical knowledge and critical thinking to solve problems (Critical Thinking). | Students will be able to speak about their work with precision, clarity and organization (Oral Communication). | Students will be able to write about their work with precision, clarity and organization (Written Communication). | Students will be able to identify, locate, evaluate, and effectively and responsibly use and cite information for the task at hand (Information Literacy). | Students will be able to understand and create arguments supported by quantitative evidence, and they can clearly communicate those arguments in a variety of formats (Quantitative Reasoning). | Students will collaborate effectively in teams. | Students will understand the professional, ethical, legal, security and social issues and responsibilities with the implementation and use of information technology. |
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| CIT 1041 - Intermediate Excel                             |                                                                                                                                          |                                                                                                                                                 |                                                                                                                     |                                                                                                                       |                                                                                                                |                                                                                                                   |                                                                                                                                                            |                                                                                                                                                                                                 |                                                 |                                                                                                                                                                       |
| CIT 2014 - Introduction to Hardware and Networking        | I                                                                                                                                        | I                                                                                                                                               |                                                                                                                     |                                                                                                                       |                                                                                                                |                                                                                                                   |                                                                                                                                                            | I                                                                                                                                                                                               |                                                 |                                                                                                                                                                       |
| CIT 2024 - Introduction to Operating Systems and Security | R                                                                                                                                        | I                                                                                                                                               |                                                                                                                     |                                                                                                                       |                                                                                                                |                                                                                                                   |                                                                                                                                                            | I                                                                                                                                                                                               |                                                 |                                                                                                                                                                       |
| CIT 2061 - IT Fundamentals Exam Prep                      |                                                                                                                                          |                                                                                                                                                 |                                                                                                                     |                                                                                                                       |                                                                                                                |                                                                                                                   |                                                                                                                                                            |                                                                                                                                                                                                 |                                                 |                                                                                                                                                                       |
| CIT 3011 - A+ Exam Prep                                   |                                                                                                                                          |                                                                                                                                                 |                                                                                                                     |                                                                                                                       |                                                                                                                |                                                                                                                   |                                                                                                                                                            |                                                                                                                                                                                                 |                                                 |                                                                                                                                                                       |
| CIT 3014 - Networking                                     | M                                                                                                                                        |                                                                                                                                                 |                                                                                                                     | I                                                                                                                     | I                                                                                                              | I                                                                                                                 |                                                                                                                                                            |                                                                                                                                                                                                 | I                                               |                                                                                                                                                                       |
| CIT 3021 - Network+ Exam Prep                             |                                                                                                                                          |                                                                                                                                                 |                                                                                                                     |                                                                                                                       |                                                                                                                |                                                                                                                   |                                                                                                                                                            |                                                                                                                                                                                                 |                                                 |                                                                                                                                                                       |
| CIT 3024 - Security and Information Assurance             | M                                                                                                                                        |                                                                                                                                                 |                                                                                                                     | I                                                                                                                     | I                                                                                                              | I                                                                                                                 | I                                                                                                                                                          |                                                                                                                                                                                                 | I                                               | I                                                                                                                                                                     |
| CIT 3031 - Security+ Exam Prep                            |                                                                                                                                          |                                                                                                                                                 |                                                                                                                     |                                                                                                                       |                                                                                                                |                                                                                                                   |                                                                                                                                                            |                                                                                                                                                                                                 |                                                 |                                                                                                                                                                       |
| CIT 3034 - Project Management                             |                                                                                                                                          | R                                                                                                                                               | I                                                                                                                   | R                                                                                                                     | R                                                                                                              | R                                                                                                                 | R                                                                                                                                                          |                                                                                                                                                                                                 | R                                               | R                                                                                                                                                                     |
| CIT 3041 - Project+ Exam Prep                             |                                                                                                                                          |                                                                                                                                                 |                                                                                                                     |                                                                                                                       |                                                                                                                |                                                                                                                   |                                                                                                                                                            |                                                                                                                                                                                                 |                                                 |                                                                                                                                                                       |
| CIT 3054 - Database Design                                |                                                                                                                                          |                                                                                                                                                 | R                                                                                                                   | R                                                                                                                     |                                                                                                                |                                                                                                                   |                                                                                                                                                            | R                                                                                                                                                                                               |                                                 |                                                                                                                                                                       |
| CIT 3064 - Web Design and Scripting                       |                                                                                                                                          |                                                                                                                                                 | R                                                                                                                   | R                                                                                                                     | R                                                                                                              | R                                                                                                                 | R                                                                                                                                                          | M                                                                                                                                                                                               |                                                 |                                                                                                                                                                       |
| CIT 3074 - Cloud Computing                                | M                                                                                                                                        |                                                                                                                                                 | R                                                                                                                   | R                                                                                                                     |                                                                                                                |                                                                                                                   |                                                                                                                                                            |                                                                                                                                                                                                 |                                                 |                                                                                                                                                                       |
| CIT 3081 - Cloud+ Exam Prep                               |                                                                                                                                          |                                                                                                                                                 |                                                                                                                     |                                                                                                                       |                                                                                                                |                                                                                                                   |                                                                                                                                                            |                                                                                                                                                                                                 |                                                 |                                                                                                                                                                       |
| CIT 4014 - Web Programming                                |                                                                                                                                          |                                                                                                                                                 | M                                                                                                                   | M                                                                                                                     |                                                                                                                |                                                                                                                   |                                                                                                                                                            |                                                                                                                                                                                                 | M                                               |                                                                                                                                                                       |
| CIT 4024 - Visual Programming                             |                                                                                                                                          |                                                                                                                                                 | M                                                                                                                   | M                                                                                                                     |                                                                                                                |                                                                                                                   |                                                                                                                                                            | R                                                                                                                                                                                               | M                                               |                                                                                                                                                                       |
| CIT 4034 - Management of Information Systems              |                                                                                                                                          | M                                                                                                                                               | M                                                                                                                   | M                                                                                                                     | M                                                                                                              | M                                                                                                                 | M                                                                                                                                                          | M                                                                                                                                                                                               |                                                 | M                                                                                                                                                                     |
| CIT 4062 - Topics in Cyber Security                       |                                                                                                                                          |                                                                                                                                                 |                                                                                                                     |                                                                                                                       |                                                                                                                |                                                                                                                   |                                                                                                                                                            |                                                                                                                                                                                                 |                                                 |                                                                                                                                                                       |
| CIT 4071 - Information Technology Practicum               |                                                                                                                                          |                                                                                                                                                 |                                                                                                                     | M                                                                                                                     |                                                                                                                |                                                                                                                   |                                                                                                                                                            |                                                                                                                                                                                                 |                                                 |                                                                                                                                                                       |
| CIT 4081 - Information Technology Project                 |                                                                                                                                          |                                                                                                                                                 |                                                                                                                     |                                                                                                                       | M                                                                                                              | M                                                                                                                 | M                                                                                                                                                          |                                                                                                                                                                                                 |                                                 |                                                                                                                                                                       |