CIT 243 - CLOUD TECHNOLOGIES

Course Description

Students will explore cloud topics including cloud concepts, virtualization, infrastructure, resource and security management, security, and cloud system management. Cloud concepts will be explored using Microsoft Azure, Amazon Web Services, and Google Cloud Services. This course will prepare students for the CompTIA Cloud+ certification exam. Group 2 course.

Credit Hours

3

Contact Hours

3

Lecture Hours

3

Required Prerequisites

CIT 213

Course Learning Outcomes

Knowledge:
- Describe cloud concepts and models.

Application:
- Demonstrate the skills necessary to administrate cloud solutions for business environments.

Integration:
- Transfer concepts to production environments.
- Present research topics to peers.
- Problem-solve independently.

Human Dimension:
- Be innovative when approaching the performance of tasks.
- Build interpersonal skills to collaborate with others in order to achieve desired outcomes.

Caring - Civic Learning:
- Reflect on how their role within an organization and community impact the productivity of others.
- Approach ethical dilemmas with integrity.

Learning How to Learn:
- Acknowledge that technology is constantly changing requiring new skillsets.
- Apply their knowledge to future certification exams.