CIT 157 - COMPTIA A+ CERTIFICATION II

Course Description

This course, in conjunction with CIT 156, covers the current objectives of the CompTIA A+ Certification exam. Major topic areas for this course includes operating systems, security, software and operational procedures. Group 2 course.

Credit Hours

3

Contact Hours

4

Lecture Hours

2

Lab Hours

2

Recommended Prerequisites or Skills Competencies

CIT 156

General Education Outcomes supported by this course

Critical Thinking - Direct

Course Learning Outcomes

Knowledge:
- Explain the functioning of computer operating systems.
- Explain system hardening techniques.

Application:
- Demonstrate knowledge of software with various devices.
- Implement system and network hardening concepts for security.
- Demonstrate system and software troubleshooting techniques.

Integration:
- Integrate computer knowledge with soft skills to develop solutions to real-world type scenarios.
- Solve problems independently.

Human Dimension:
- Build interpersonal skills to collaborate with others to achieve desired outcomes.

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

Learning How to Learn:
- Apply knowledge to future certification exams.