

# CIT 156 - COMPTIA A+ CERTIFICATION I

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## Course Description

This course, in conjunction with CIT 157, covers the current objectives of the two CompTIA A+ Certification exams. Major topics areas include PC hardware, networking, laptops, printers, operational procedures, operating systems, security, mobile devices, troubleshooting, safety and professionalism. Group 2 course.

## Credit Hours

3

## Contact Hours

4

## Lecture Hours

2

## Lab Hours

2

## Recommended Prerequisites or Skills Competencies

Recommended competency: Windows skills

## General Education Outcomes supported by this course

Critical Thinking - Direct

## Course Learning Outcomes

### Knowledge:

- Explain the functioning of computer hardware.

### Application:

- Demonstrate their knowledge of hardware and components.

### Integration:

- Integrate computer knowledge with soft skills to develop solutions to problems in real world type scenarios.
- Problem-solve independently.

### Human Dimension:

- 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.