

## **LEARNING OUTCOMES**

Associate in Applied Science (AAS)
Program: Computer Network Systems and Security

Upon completion of this program, students will be able to:

- 1. Display mastery of the Open Systems Interconnection (OSI) standard, TCP/IP Suite and communications standards as applied to networking and routing.
- 2. Display mastery of implementing security on both desktop networking protocols and network systems (routers, servers, convergence, etc.).
- 3. Explain the need for confidentiality, integrity, and availability (CIA Triad) required of modern information system administration.
- 4. Demonstrate advanced knowledge of security methods and systems in use on modern operating systems and networks.
- 5. Demonstrate capability to perform as a team member and handle data and information systems in an ethical manner