# PROGRAMS

## COMPUTER ENGINEERING TECHNOLOGY - SECURITY (C40160SE)

**Pathway Description**: These curriculums are designed to prepare students through the study and application of principles from mathematics, natural sciences, and technology and applied processes based on these subjects.

Course work includes mathematics, natural sciences, engineering sciences and technology.

Graduates should qualify to obtain occupations such as technical service providers, materials and technologies testing services, process improvement technicians, engineering technicians, construction technicians and managers, industrial and technology managers, or research technicians.

**Computer Engineering Technology**: A course of study that prepares the students to use basic engineering principles and technical skills for installing, servicing, and maintaining computers, peripherals, networks, and microprocessor and computer-controlled equipment. Includes instruction in mathematics, computer electronics and programming, prototype development and testing, systems installation and testing, solid state and microminiature circuitry, peripheral equipment, and report preparation.

Graduates should qualify for employment opportunities in electronics technology, computer service, computer networks, server maintenance, programming, and other areas requiring knowledge of electronic and computer systems. Graduates may also qualify for certification in electronics, computers, or networks.

### Certificate Program

| | | Course Hours Per Week | | Semester Hours |
|---|---|---|---|---|
| First Semester (Fall) | | Class | Lab | Credit |
| ACA-115 | Success & Study Skills | 0 | 2 | 1 |
| NET-125 | Introduction to Networks | 1 | 4 | 3 |
| SEC-110 | Security Concepts | 2 | 2 | 3 |
| | **Credit Hours** | **3** | **8** | **7** |
| Second Semester (Spring) | | | | |
| NET-126 | Switching and Routing | 1 | 4 | 3 |
| SEC-160 | Security Administration I | 2 | 2 | 3 |
| | **Credit Hours** | **3** | **6** | **6** |
| Total Required Minimum Semester Hours Credit | | | | 13 |

View Catalog Archives

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