PROGRAMS

COMPUTER ENGINEERING TECHNOLOGY - SUPPORT PROFESSIONAL (C40160PR)

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
CET-111	Computer Upgrade/Repair I	2	3	3
NET-125	Introduction to Networks	1	4	3
SEC-110	Security Concepts	2	2	3
	Credit Hours	**5**	**9**	**9**
Second Semester (Spring)				
CET-211	Computer Upgrade/Repair II	2	3	3
NET-126	Switching and Routing	1	4	3
SEC-160	Security Administration I	2	2	3
	Credit Hours	**5**	**9**	**9**
Total Required Minimum Semester Hours Credit				18

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