

## Information Technical Certificate

CITC 1330

Microsoft Desktop Operating System (*formerly CNT 1170 Microsoft Professional OS*)

Credit hours: 3      Contact Hours: 2 Lecture, 2 Lab

Course Description:

Microsoft Desktop Operating Systems is designed to provide students with the knowledge and skills necessary to install, manage and troubleshoot computers running current Microsoft desktop operating systems. Upon successfully completing this course, the student will be academically prepared for a current core Microsoft desktop operating system exam.

Prerequisite(s): None

Semester Availability: Fall, Spring

CITC 1332

UNIX/Linux (*formerly CPT 2425 UNIX/Linux*)

Credit hours: 4      Contact Hours: 4 Lecture

Course Description:

This course provides a thorough overview of the UNIX and LINUX operating systems. Emphasis is placed on the user interface, terminology and command structure within the multi-task/multiuser environment. Electronic mail and communications standards are covered along with standard UNIX/LINUX utilities needed to support the automated office.

Prerequisite(s): None

Semester Availability: Fall, Spring, Summer

CITC 1351 (*New Course Offering*)

Principles of Information Assurance

Credit hours: 3      Contact Hours: 3 Lecture

Course Description:

A beginning course in information assurance which examines the fundamentals of information assurance. The course will introduce topics such as the need for security, risk management, security technology, cryptography, and physical security. Also covered are legal/ethical issues and security policies.

Prerequisite(s):

Semester Availability:

CITC 2326

Network Security (*formerly CNT2450 – Network Security*)

Credit hours: 3      Contact Hours: 2 Lecture, 2 Lab

Course Description:

This course is designed to give students a fundamental understanding of computer and network security. It will introduce students to a wide variety of concepts related to computer security. This course will cover the objectives for the CompTIA Security+ Certification.

Prerequisite Course: CITC 1330

Semester Availability: Fall, Spring

## Information Technical Certificate

CITC 2352

Digital Forensics (*formerly CPT 2530 Computer Forensics*)

Credit hours: 3      Contact Hours: 2 Lecture, 2 Lab

**Course Description:**

This course is designed to give students a basic understanding of computer forensics and investigations. This course will introduce students to computing investigations by preparing them to acquire, examine and summarize digital evidence.

Prerequisite(s): Level 2 placement in English and Reading

Semester Availability: Spring

CITC 2353

Tactical Perimeter Defense (*formerly CPT 2480 Tactical Perimeter Defense*)

Credit hours: 3      Contact Hours: 3 Lecture

**Course Description:**

An examination of how software and hardware can be used to provide a perimeter of defense in protecting resources, and how security is addressed in both wireless and wired networks.

Topics include the use of tools such as wireless access points, proxy servers, VPN's, auditing, intrusion detection systems and firewalls. Prepares students to take Tactical Perimeter Defense exam for the Security Certified Network Specialist (SCNS) certification.

Prerequisite(s): CITC 1332

Semester Availability: Fall