CTS: Computer Technology And Skills Courses

Courses

CTS 1120 Introduction to Network Security
3 sh (may not be repeated for credit)
Prerequisite: CNT 1000
Introduction to concepts of computer and network security and currently available technologies, mitigating threats, asset protection techniques against threats.

CTS 3159 End User Support
3 sh (may not be repeated for credit)
Prerequisite: COP 2334 OR COP 2253 OR COP 2830
An applied course pertaining to the usual activities that are involved in supporting end users of computers. Addresses the technical capabilities a support specialist needs and the "soft skills" necessary when dealing with clients. Topics include computer facility management, customer service skills, user needs analysis, installing and troubleshooting computer systems, help desk organization, product evaluation, and user training.

CTS 4348 Linux System Administration
3 sh (may not be repeated for credit)
Prerequisite: COP 4634 OR COP 4610
This course focuses on the installation, configuration, and maintenance of modern, open-source operating systems in individual and corporate environments including computer networks that host a variety of servers and workstations. Through hands-on experience, students will learn how a Linux operating system works and how it can be put to use to serve computing needs. Students will also learn how to configure network environments to test the networking capabilities of the operating system.

CTS 4817 Web Server Administration
3 sh (may not be repeated for credit)
Prerequisite: COP 2334 OR COP 2253 OR COP 2830
An overview of essential skills in web server administration. Topics include installation and configuration of client web servers, user creation and login authentication, configuration of applications, security, management of user permissions.