Department:

Computer Support Technology

Course Description:

This course is designed to provide an introduction to Linux networking, security, and configuration. Multiple variants, or “flavors,” of Linux will be used. The course will focus on managing the desktop, installing printers, getting online, and performing everyday tasks.

Course Competencies:

Upon completion of the course, the student should be able to:

1. Identify system hardware requirements for a Linux installation
2. Install various Linux operating systems
3. Provide basic support and management of Linux based desktop systems
4. Perform and verify backups and restores
5. Configure basic network services and settings
6. Implement security options on client systems
7. Set up user level security
8. Create written procedures for installation, configuration, security, and management
9. Access system documentation and help files
10. Identify and describe components used in a 32-bit or 64-bit client computer
11. Identify and configure removable system hardware

Course Content:

A. Installing and Configuring Ubuntu
   1. What Ubuntu Is
   2. Before You Install Ubuntu
   3. Installing Ubuntu
   4. Desktop Basics
   5. Getting Online
   6. Making Hardware Go

B. Using Ubuntu
   1. Taking the Grand Tour
   2. Installing and Updating Software
   3. Basic File Management
   4. Surfing the Web
   5. Mail Call
   6. Messaging Tools
   7. Multimedia Tools
   8. Working With Windows
C. Using OpenOffice
   1. Documenting with Writer
   2. Analyzing with Calc
   3. Presenting with Impress
   4. Drawing with Draw

Learning Assessments:

Course competencies will be assessed by assignments, case problems, quizzes, chapter tests, hands-on projects, lab assignments, a midterm test, and a final test. The tests may be in objective or problem solving format.

Instructional Materials:


Guidelines for Requesting Accommodations Based on Documented Disability or Medical Condition

It is the intention of Highland Community College to work toward full compliance with the Americans with Disabilities Act, to make instructional programs accessible to all people, and to provide reasonable accommodations according to the law.

Students should understand that it is their responsibility to self-identify their need(s) for accommodation and that they must provide current, comprehensive diagnosis of a specific disability or medical condition from a qualified professional in order to receive services. Documentation must include specific recommendations for accommodation(s). Documentation should be provided in a timely manner prior to or early in the semester so that the requested accommodation can be considered and, if warranted, arranged.

On-Campus Students: At enrollment, any on campus student may complete a form that will allow them to self-identify any disability.

Off-Campus Regional Students: Self-identify your disability and accommodation needs with the Regional Coordinator and/or instructor, preferably prior to the first class meeting.

Online Students: Self-identify your disability and accommodation needs by contacting the Disabilities Coordinator. Students must provide their own programs to allow accessibility on their home computer.

Any student may also identify their disability by completing an online form located on the HCC homepage under Students Services/Resources/Disabilities. Questions should be directed to the Disabilities Coordinator.