



COURSE SYLLABUS

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Hamlet, NC 28345
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COURSE: NOS 120 LINUX/UNIX SINGLE USER

HOURS: Lecture: 2 Lab/Shop: 2 Work Exp/Clinical: 0 Credits: 3

COURSE DESCRIPTION:

This course develops the necessary skills for students to develop both GUI and command line skills for using and customizing a Linux workstation. Topics include Linux file system and access permissions, GNOME Interface, VI editor, X Window System expression pattern matching, I/O redirection, network and printing utilities. Upon completion, students should be able to customize and use Linux systems for command line requirements and desktop productivity roles.

PREREQUISITE(S): CTS 120 or NOS 130

COREQUISITE(S): NONE

TEXTBOOK(S) & OTHER SPECIAL REQUIREMENTS:

Open Educational Resources (OER) are listed in the course Moodle.

STUDENT LEARNING OUTCOMES:

Upon successful completion of this course, the student will be able to:

1. Discuss Linux operating systems characteristics.
2. Install a Linux distribution.
3. Navigate and manage Linux file systems.
4. Perform advanced installation procedures.
5. Use Linux and Windows on the same system.
6. Manage Linux processes.
7. Work with the Linux shells.
8. Perform common administrative tasks.
9. Use file compression, system backup, and software installation utilities.

*****Please refer to the online version of the Richmond Community College Program & Course Catalog and the Student Handbook for current academic and general information.**