WILMINGTON UNIVERSITY  
COLLEGE OF TECHNOLOGY  
BASIC COURSE INFORMATION

COURSE TITLE: Introduction to Linux

COURSE NUMBER: SEC 230

Minimum Grade Policy
The Computer & Network Security program has set a minimum passing grade of "C-" for program core courses. Students receiving a grade lower than "C-" in any required core course must retake that course.

I. MAJOR INSTRUCTIONAL GOALS:

GOAL A: Demonstrate comprehension of general Linux concepts
Learning Outcomes: The student will be able to define terms, concepts, and processes associated with the Linux Operating System, and the major differences between Linux and other operating systems.
Learning Activities: Assigned readings, discussion, lab exercises, external assignments
Learning Assessment: Written exams, assignments

GOAL B: Demonstrate ability to effectively utilize basic Linux shell commands
Learning Outcomes: The student will be able to install Linux; navigate the directory structure; create, manipulate and delete data, files and directories; determine and modify permission settings; manage processes; write simple shell scripts; and perform basic system administration functions.
Learning Activities: Assigned readings, discussion, lab exercises, external assignments
Learning Assessment: Written exams, assignments

GOAL C: Demonstrate ability to effectively utilize X Windows
Learning Outcomes: The student will be able to switch between the Linux command line interface and graphical user interface; understand the implementation structure of the Linux GUI; and install applications which run under X Windows.
Learning Activities: Assigned readings, discussion, lab exercises, external assignments
Learning Assessment: Written exams, assignments

GOAL D: Demonstrate understanding of basic system administration tasks
Learning Outcomes: The student will be able to add and delete users, monitor system usage, mount file systems, and back up files
Learning Activities: Assigned readings, discussion, lab exercises, external assignments
Learning Assessment: Written exams, assignments

II. CLASS PARTICIPATION:

Students are expected to attend class and participate actively and in a positive way. Questions and relevant observations are encouraged and enrich the experience of the entire class.

Computers in the classrooms are intended to be used as tools to enhance the students' learning experience. Instant messaging, gaming, emailing, and surfing the web are distractions to the

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student, the surrounding students, and the instructor and constitute inappropriate behavior. Students are ethically obliged to avoid these and similar practices.