WILMINGTON UNIVERSITY
COLLEGE OF TECHNOLOGY
BASIC COURSE INFORMATION

COURSE TITLE: Linux for Systems Administrators

COURSE NUMBER: SEC335

I. MAJOR INSTRUCTIONAL GOALS:

OBJECTIVE A: Demonstrate ability to install and configure Linux
A-1: Install a Linux distribution and services required to support a Web server.

OBJECTIVE B: Demonstrate ability to install configure typical network services
B-1: Download and install software from both RPM packages and tarball files.

OBJECTIVE C: Demonstrate ability to perform basic system administration functions
C-1: Employ a system administrator role by managing users and groups, monitoring processes and permissions, performing backup and recovery, and evaluating basic security concepts.

OBJECTIVE D: Demonstrate understanding of fundamental privacy and security issues
D-1: Identify current trends in technology as related to information gathering and dissemination.

STRUCTURED EXTERNAL ASSIGNMENT: Prepare a paper that demonstrates comprehension and application of research into social, ethical, and legal issues in information technology, communication technology, identification technology, and technologies for other specific Network Administration settings. Be prepared to summarize results in an oral presentation.

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