

**OAKTON COMMUNITY COLLEGE  
GENERIC COURSE SYLLABUS**

<b>I.</b>	<b><u>COURSE PREFIX</u></b>	<b><u>COURSE NUMBER</u></b>	<b><u>COURSE NAME</u></b>	<b><u>CREDIT</u></b>	<b><u>LECTURE</u></b>	<b><u>LAB</u></b>
	CNS	130	Novell Administration	3	2	2
	(Formerly LAN 160)					

**II. PREREQUISITE:**

CNS 105 (Formerly LAN 105) or consent of instructor, coordinator or program chair.

**III. COURSE (CATALOG) DESCRIPTION:**

This course provides hands-on instruction in the administration of a local area network (LAN) using the current version of the Novell NetWare operating system software. Topics include network administration, security, managing user accounts, backup, and printing.

**IV. LEARNING OBJECTIVES:**

Upon completion of this course the student will:

1. Understand, identify, and create the components that make up a network volume and the file system.
2. Understand software installation on workstations.
3. Manage user accounts and scripts.
4. Create and manage objects in NDS (NetWare Directory Services).
5. Recognize security problems and solutions.
6. Manage print services and monitor operations.
7. Understand remote server management on a LAN.
8. Understand the role of backup in server management.
9. Understand how to select and manage applications on a LAN.

**IV. ACADEMIC INTEGRITY:**

Students and employees at Oakton Community College are required to demonstrate academic integrity and follow Oakton's Code of Academic Conduct. This code prohibits:

- cheating
- plagiarism (turning in work not written by you, or lacking proper citation)
- falsification and fabrication (lying or distorting the truth)
- helping others to cheat
- unauthorized changes on official documents
- pretending to be someone else or having someone else pretend to be you
- making or accepting bribes, special favors, or threats, and
- any other behavior that violates academic integrity.

There are serious consequences to violations of the academic integrity policy. Oakton's policies and procedures provide students a fair hearing if a complaint is made against you. If you are found to have violated the policy, the minimum penalty is failure on the assignment and, a disciplinary record will be established and kept on file in the office of the Vice President for Student Affairs for a period of 3 years.

Details of the Code of Academic Conduct can be found in the Student Handbook.

**VI. OUTLINE OF TOPICS:**

- A. Review of Network basics
- B. Volume, directory, and the File System
- C. Drive Mapping
- D. Software Installation on Workstations
- E. User and group creation
- F. Managing objects in NDS
- G. Security
  - 1. Login
  - 2. Rights in the File System and NDS
- H. Login scripts and Menus
- I. Print services
  - 1. Setup
  - 2. Monitoring operations
- J. Server Management
  - 1. NetWare Loadable Modules
  - 2. Remote console commands
  - 3. Backup
- K. Managing Applications with NetWare Application tools

**VII. METHODS OF INSTRUCTION:**

Methods include lectures, class exercises and class discussion, hands-on lab exercises and projects.

**VIII. COURSE PRACTICES REQUIRED:**

- Read course materials - textbook and current journals
- Attend and participate in class lecture and lab
- Complete required assignments, exercises, quizzes and exams
- Complete LAN projects

**IX. INSTRUCTIONAL MATERIALS:**

TEXTBOOK: Novell Official Curriculum and Lab book

**X. METHODS OF EVALUATING STUDENT PROGRESS:**

Quizzes, examinations, completion of lab assignments, exercises and several LAN projects.

**XI. OTHER COURSE INFORMATION:**

If you have a documented learning, psychological, or physical disability you may be entitled to reasonable academic accommodations or services. To request accommodations or services, contact the ASSIST office in the Learning Center. All students are expected to fulfill essential course requirements. The College will not waive any essential skill or requirement of a course or degree program.