

**OAKTON COMMUNITY COLLEGE
GENERIC COURSE SYLLABUS**

I.	<u>COURSE PREFIX</u>	<u>COURSE NUMBER</u>	<u>COURSE NAME</u>	<u>CREDIT</u>	<u>LECTURE</u>	<u>LAB</u>
	CNS (Formerly LAN 111)	111	Microsoft Windows Server Operating System	3	3	1

II. PREREQUISITE:

CNS 110 (formerly LAN 110) or LAN 170, CompTIA A+ or Network+ certifications or consent of instructor, coordinator or program chair.

III. COURSE (CATALOG) DESCRIPTION:

This course provides students with the knowledge and skills to install and configure a Windows Server Local Area Network (LAN). The course covers the most recent release of Windows. This is the second course in the Microsoft Certified Systems Administrator (MCSA) and Microsoft Certified Systems Engineer (MCSE) curriculum for Windows Server.

IV. LEARNING OBJECTIVES:

1. Manage user and computer accounts.
2. Create and manage groups.
3. Manage access to resources.
4. Implement and manage printer.
5. Manage access to objects in organizational units.
6. Implement Group Policy.
7. Manage the user and computer environment by using Group Policy.
8. Audit accounts and resources.
9. Prepare to administer server resources.
10. Configure a server to monitor system performance.
11. Manage device drivers
12. Manage hard disks, data storage and disaster recovery.

V. 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. Introduction to Administering Accounts and Resources
- B. Managing User, Computer Accounts and Groups
- C. Managing Access to Resources
- D. Implementing and Managing Printing
- E. Managing Access to Objects in Organizational Units
- F. Implementing Group Policy
- G. Managing the User Environment by Using Group Policy
- H. Introduction to Security in Windows Server
- I. Preparing to Administer a Server
- J. Monitoring Server Performance
- K. Maintaining Device Drivers
- L. Managing Disks, Data Storage and Managing Disaster Recovery
- M. Maintaining Software by Using Software Update Services

VII. METHODS OF INSTRUCTION:

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

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 Local Area Networks (LAN) projects.

IX. INSTRUCTIONAL MATERIALS:

- Textbook and Lab book: Microsoft Official Curriculum for Windows
- Current Self-Test Software
- Software manuals

X. METHODS OF EVALUATING STUDENT PROGRESS:

Quizzes, examinations, completion of lab assignments, exercises; and several Local Area Networks (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.