

COURSE INFORMATION

COURSE PREFIX/NO:	IST 252
COURSE TITLE:	LAN System Manager
LEC HRS/WEEK:	3.0
LAB HRS/WEEK:	0.0
CREDIT HRS/SEMESTER:	3.0

[Distance Learning Attendance/VA Statement](#)
[Textbook Information](#)

COURSE DESCRIPTION

This course covers the fundamental skills needed to effectively manage a local network from introductory to advanced.

COURSE COMPETENCIES

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

Module I – The Operating System

- Install Windows Server 2003 and create a domain controller.
- Create and use a MMC console.
- Enable and use Remote Assistance and Remote Desktop.
- Use Task Manager, Event Viewer, and System Monitor to monitor a Windows Server 2003 system.
- Explain and use the Microsoft Windows Server 3003 Backup program.
- Apply hot-fixes and service packs.
- Configure licenses.

Module II – Users, Groups, and Computers

- Create and manage local and domain user accounts and manage user profiles.
- Create, manage, and delete local and domain groups.
- Create and manage computer objects.

Module III – Shared Resources

- Create and manage file system shares and set permissions.
- Manage and troubleshoot print services.

Module IV – Hardware

- Explain the relationship between hardware and drivers.
- Use Device Manager to manage and troubleshoot devices and drivers
- Identify types of storage volumes and RAID implementations.
- Manage disks using Windows Server 2003 tools.

COURSE REQUIREMENTS

All students are responsible for attaining competencies through completion of the following course requirements:

- attending class
- reading assigned material
- completing assigned exercises
- completing lab assignments
- completing all tests

ATTENDANCE POLICY

The attendance policy as stated in the York Technical College Handbook will be enforced. Attendance is required on test days unless the student has a doctor's excuse, death notice, etc., indicating an unusual circumstance for absence. If you know you must be absent on a test day, make arrangements with the instructor to take the test before the absence.

ACADEMIC INTEGRITY

The policies stated in the York Technical College Handbook will be enforced. Any student violating the policy will be subject to academic discipline. Anyone caught cheating will automatically get a 0 grade for the assignment

METHOD OF INSTRUCTION

The instructor will discuss the principles introduced in each chapter and demonstrate the methods described there. The student will reinforce this lecture material by reading the textbook as assigned. During this course, the student will be given opportunities to practice on a microcomputer the skills being learned by doing lab assignments. These lab assignments will be vital in learning to use sample software packages, and the student should expect to spend time outside the class period as well as time given during class to complete this work. The student will have an opportunity to review solutions in class. Should a student need additional assistance, instructors will be available during their posted office hours.

EVALUATION STRATEGIES / GRADING PROCEDURE

A minimum of three tests and five labs will be given covering the above competencies. These tests and the lab work determine the final semester grade as described below. No makeup tests will be given. An optional final exam will take the place of the lowest test grade. A minimum grade of C is required for all students in computer technology programs.

GRADING SCALE

Module I	Tests 60% Homework/Labs 40%	Percent of Final Grade 25%
Module II	Tests 60% Homework/Labs 40%	Percent of Final Grade 25%
Module III	Tests 60% Homework/Labs 40%	Percent of Final Grade 25%
Module IV	Tests 60% Homework/Labs 40%	Percent of Final Grade 25%
Final Grade		100%

Letter Grades

A	90 – 100
B	80 – 89
C	70 – 79
D	60 – 69
F	Below 60

ENTRY-LEVEL SKILLS

The student must be familiar with the Windows environment. The student must be able to read and comprehend the assigned material.

PREREQUISITES

None

CO-REQUISITES

IST 201 or IST 220