Outline of Instruction

Division: Business  Area: Computer Information Systems
Course Number: CIS 230  Course Name: Windows Server
Prerequisite: CIS 209  Corequisite: None

Hours Required: Class: 45  Lab:  Credits: 3

Course Description/Purpose
In this course, students learn to perform post-installation and day-to-day administration tasks in a single-domain or multiple-domain Microsoft Windows-based network.

Major Units
- Selecting Windows server and client hardware
- Installing and configuring a server
- Setting up and managing network printing services
- Establishing remote access services
- Interoperating on a network
- Setting up for the Internet
- Monitoring and turning a server
- Troubleshooting problems

Educational/Course Outcomes
Student learning will be assessed by a variety of methods, including, but not limited to, quizzes and tests, journals, essays, papers, projects, laboratory/clinical exercises and examinations, presentations, simulations, portfolios, homework assignment, and instructor observations.

Cognitive  Each student will be expected to Identify/Recognize...

- Concepts pertaining to all of the major units

Performance  Each student will be expected to Demonstrate/Practice...

Their ability to:
- Perform an installation of Windows server
- Install and configure network services for interoperability
- Monitor, configure and troubleshoot control access to printers
- Monitor, configure and troubleshoot control access to files, folders and shared folders
- Configure hardware devices
- Troubleshoot problems with hardware
- Monitor and optimize usage of system resources
- Configure and manage user profiles
- Monitor and configure disk quotas
- Configure data compression
- Perform a back/up of data
- Install, configure and troubleshoot network protocols
- Install and configure network services
- Configure the properties of a connection
- Install, configure and troubleshoot network adapters and drivers
- Encrypt data on a hard drive by using Encryption File System (EPS)
- Implement, configure, manage and troubleshoot account policies and auditing
- Implement, configure, manage and troubleshoot security by using the Security Configuration Tool Set

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