Outline of Instruction

Division: Business  Area: Computer Information Systems
Course Number: CIS 234  Course Name: Advanced Windows Server
Prerequisite: CIS 230  Corequisite: None

Hours Required: Class: 60  Lab:  Credits: 4

Course Description/Purpose
This course provides a training solution for support professionals working in a Microsoft Windows Server-based enterprise environment. Students must have previous experience supporting a Windows-based network. Students learn to design, implement and support the Windows Server network operating system in a multi-domain enterprise environment. The course is organized in four units, each covering support in different areas of the enterprise environment. In addition, this course will help to prepare student to successfully pass the MCSE certification exam.

Major Units
• Maintaining and Implementing Active Directory in a Multi-Domain Environment
• Domain Name System (DNS) Concepts
• Implementing and Managing Group Policy
• Security

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 assignments, 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:
• Installing, Planning and Implementing Active Directory
• Installing Domain Name System (DNS)
• Creating Site Connections
• Implementing Group Policies and Organizational Units
• Finding Active Directory Objects
• Making Resources Available
• Moving Objects
• Using Performance Monitor to collect data
• Active Directory Maintenance and Recovery
• Creating Group Policies
• Scripts and Templates
• Using the Folder Redirector
• Creating and Configuring Windows Installer Packages
• Setting up and Configuring Remote Installation Services
• Configuring Active Directory Replication
• Configuring and setting up Auditing
• Using Security Templates and the Security Analysis Tool

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