CIS 234 Advanced Windows Server

Course Outcome Summary
Required Program Core Course

Course Information
Division Business
Contact Hours 60
Total Credits 4

Prerequisites
CIS 230 Windows Server

Course Description
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 into six units, each covering support in different areas of the enterprise environment. In addition, this course will help to prepare a student to successfully pass a certification exam.

This course is a required core course for students pursuing an:
AAS in System Administration Specialist

Course Outcomes
To evidence success in this course, the students will be able to:

1. Implement and administer a Windows Server
2. Implement storage solutions
3. Understand Virtualization
4. Implement Windows containers
5. Activate and administer server services
6. Monitor and maintain server environments

Program Outcomes Addressed by this Course:

Upon successful completion of this course, students should be able to meet the program outcomes listed below:
System Administration Specialist:

Upon successful completion of this course, students should be able to meet the program outcomes listed below:

1. Implement and administer a Windows Server  
   Applies to Program Outcome  
   Use, install, configure, manage, troubleshoot, and maintain a server operating system.

2. Implement storage solutions;  
   Applies to Program Outcome  
   Use, install, configure, manage, troubleshoot, and maintain a server operating system.

3. Understand virtualization  
   Applies to Program Outcome  
   Use, install, configure, manage, troubleshoot, and maintain a server operating system.

4. Implement Windows containers  
   Applies to Program Outcome  
   Use, install, configure, manage, troubleshoot, and maintain a server operating system.

5. Activate and administer server services  
   Applies to Program Outcome  
   Use, install, configure, manage, troubleshoot, and maintain a server operating system.

6. Maintain and monitor server environments  
   Applies to Program Outcome  
   Use, install, configure, manage, troubleshoot, and maintain a server operating system.

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