

Course Outline

MSFT-230

Designing a Microsoft Windows 2000 Active Directory Services Infrastructure

3 Semester Hours

HOWARD COMMUNITY COLLEGE

Description

This course is designed to give students the ability to analyze the business requirements and design a directory service architecture, including: unified directory services such as Active Directory and Windows NT domains; connectivity between and within systems, system components, and applications; data replication such as directory replication and database replication. In addition, students will develop the skills required to analyze the business requirements for desktop management and design a solution for desktop management that meets business requirements. Prerequisite: MSFT-215 or MSFT-156 (3 hours lecture, 1 hour lab)

Overall Course Objectives

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

1. Evaluate the company's existing and planned technical environment.
2. Analyze the impact of Active Directory on the existing and planned technical environment.
3. Analyze the business requirements for client computer desktop management.
4. Design an Active Directory forest and domain structure.
5. Design an Active Directory naming strategy.
6. Design and plan the structure of organizational units (OU). Considerations include administration control, existing resource domains, administrative policy, and geographic and company structure.
7. Plan for the coexistence of Active Directory and other directory services.
8. Design an Active Directory site topology.
9. Design a schema modification policy.
10. Design an Active Directory implementation plan.
11. Design the placement of operations masters.
12. Design the placement of global catalog servers.
13. Design the placement of domain controllers.
14. Design the placement of DNS servers.

Major Topics

- I. Analyzing Business Requirements
- II. Analyzing Technical Requirements
- III. Designing a Directory Service Architecture
- IV. Designing Service Locations

About Certification Curriculum at HCC

When a student takes a certification course at HCC, that student usually receives more instruction time than they would receive in other formats. Therefore, while taking certification courses at HCC, the student may expect not only instruction from certification materials but additional academic and practical exercises and course work to better equip the student not only for the corresponding certification exam but for eventual utilization in their professional endeavors.

Course Requirements

Grading/exams: Grading procedures will be determined by the individual faculty member but will include the following: two quizzes or exams and one lab activity.

Other Course Information

This course is a Network Administration core course. This course is also intended for students who wish to become a Microsoft Certified Systems Engineer 2000.

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