

COURSE OUTLINE

MSFT-572

Implementing and Managing Microsoft Exchange 2000

3 Semester Hours

HOWARD COMMUNITY COLLEGE

Description

This course provides students with the knowledge and skills necessary to install and configure Microsoft Exchange 2000. It prepares students with skills needed to deploy and manage Exchange 2000. This course will assist students in operating in a medium to large computing environments that typically have multiple physical locations, mixed client connection protocols, and Internet messaging connectivity. Knowledge of the Microsoft Windows 2000 operating system is highly recommended.

Prerequisite: MSFT-156 or MSFT-215 or MSFT-922 or MSFT-973.

Overall Course Objectives

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

1. Describe the main features of Exchange 2000 and how it integrates with Windows 2000.
2. Prepare and Install Exchange 2000.
3. Develop and identify proper Exchange 2000 services.
4. Configure Exchange for administrative roles to users and groups.
5. Grant and delegate permissions to administrators.
6. Create, configure, and manage storage groups and stores by using Exchange System Manager.
7. Manage permissions on public folders.
8. Configure recipients with multiple SMTP addresses, an SMTP virtual server, and an SMTP connector.
9. Identify the tools for troubleshooting the SMTP connectivity.
10. Create routing groups.
11. Describe the message flow, message routing and route selection.
12. Describe the functionality of the link state table and the state algorithm.
13. Enable message tracking.
14. Configure IIS components, front-end and back-end servers, and protocols.
15. Develop an infrastructure for Exchange 2000.
16. Identify the components of Outlook Web Access and describe how they work together.
17. Install and configure Instant Messaging, and identify the security considerations.
18. Implement and configure Exchange 2000 Conferencing Server.

19. Install Exchange Server 2000.
20. Monitor Exchange 2000 performance by using the Performance Management Console (MMC).
21. Backup Exchange 2000 data and restore Exchange 2000 after a disaster.
22. Configure Internet protocols and services including post office protocol version 3 (POP3), Internet Message Access Protocol version 4 (IMAP4), hypertext transfer protocol (HTTP), network news transfer protocol (NNTP), and Lightweight Directory Access Protocol (LDAP).

Major Topics

- I. Microsoft Exchange Server Overview
- II. Introduction to Microsoft Exchange Server 2000 Administration
- III. Installing Microsoft Exchange 2000
- IV. Microsoft Exchange Server Architecture
- V. Creating and Managing Stores and Storage Groups
- VI. Creating and Managing Recipients Objects and Public Folders
- VII. Understanding the role of SMTP in Microsoft Exchange 2000
- VIII. Message Routing and flow in Exchange 2000
- IX. Selecting and Deploying Microsoft Exchange Server Clients
- X. Configuring Internet Protocols
- XI. Implementing Microsoft Exchange 2000 Conferencing Server
- XII. Disaster Recovery in Microsoft Exchange
- XIII. Configuring Instant Messaging
- XIV. Accessing Microsoft Exchange 2000 with Outlook Web Access
- XV. Multisite Message Routing and Selection
- XVII. Public Folders
- XIX. Microsoft Exchange Server Integration with the Internet

About Microsoft Curriculum at HCC

When a student takes a Microsoft course at HCC, that student usually receives more instruction time than they would receive in other formats. Therefore, while taking Microsoft courses at HCC, the student may expect not only instruction from Microsoft 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 at least 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 (MCSE).