

# **COURSE OUTLINE**

## **MSFT-973**

### **Implementing and Supporting Microsoft Exchange Server 5.5**

3 Semester Hours

## **HOWARD COMMUNITY COLLEGE**

### **Description**

This course provides an introduction to the core technologies of Microsoft Exchange Server, preparing students to plan, implement and administer Microsoft Exchange in a single-site environment. Knowledge of the X.400 Messaging Standard and the X.500 Directory Service Standard is recommended. Prerequisite: MSFT-487 or MSFT-659 or MSFT-687.

### **Overall Course Objectives**

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

1. Develop the configuration of an Exchange-based server.
2. Choose an Exchange client installation and integration strategy.
3. Develop long-term administration strategies.
4. Configure Exchange for message recipients.
5. Install and configure Exchange clients.
6. Configure address lists and accounts using the Exchange Administrator program.
7. Configure server locations.
8. Configure security.
9. Manage users.
10. Manage distribution lists.
11. Manage the directory.
12. Manage public information stores.
13. Configure a link monitor and server monitor.
14. Set up the configuration of an Exchange-based server.
15. Develop an infrastructure for Exchange.
16. Identify public folders, including server-side scripting.
17. Identify public and private information store locations.

18. Plan Internet connectivity and access.
19. Install Exchange Server.
20. Configure the synchronization of directory information between Exchange and other mail systems.
21. Configure directory replication.
22. Configure Internet protocols and services including postoffice 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).
23. Manage server locations, the rehomings of public folders, private information stores, and connectivity.

## **Major Topics**

- I. Microsoft Exchange Server Overview
- II. Introduction to Microsoft Exchange Server Administration
- III. Creating and Managing Recipients
- IV. Microsoft Exchange Server Architecture
- V. Managing Site Configuration
- VI. Managing Server Configuration
- VII. Maintaining a Microsoft Exchange Server Organization
- VIII. Monitoring Microsoft Exchange Server
- IX. Selecting and Deploying Microsoft Exchange Server Clients
- X. Configuring Microsoft Outlook
- XI. Installing Microsoft Exchange Server
- XII. Intrasite Server Communication
- XIII. Intersite Server Communication
- XIV. Site Connector
- XV. X.400 Connector
- XVI. Multisite Message Routing and Selection
- XVII. Directory Replication
- XVIII. Public Folders
- XIX. Microsoft Exchange Server Integration with the Internet
- XX. Internet Mail Service
- XXI. Internet Client Access Protocols
- XXII. Lightweight Directory Access Protocol
- XXIII. Outlook Web Access

## **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 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).