

# **COURSE OUTLINE**

**MSFT-922**

**Updated Supporting Microsoft Windows NT 4.0 Core Technologies**

3 Semester Hours

## **HOWARD COMMUNITY COLLEGE**

### **Description**

This course provides the core foundation for supporting Microsoft Windows NT operating system version 4.0. The goal of this course is to provide support professionals with the skills necessary to install, configure, customize, optimize, network, integrate, and troubleshoot Windows NT 4.0. Prerequisite: MSFT-803. (3 hours lecture, 1 hour lab)

### **Overall Course Objectives**

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

1. Describe the system strategy for Windows NT 4.0.
2. Install Windows NT 4.0.
3. Configure the Windows NT 4.0 environment.
4. Create and implement system policies.
5. Create and manage partitions, file systems, and fault tolerant volumes.
6. Support running applications under Windows NT 4.0.
7. Identify network components and describe their function on a Windows NT-based computer.
8. Install and configure network transport protocols.
9. Install and configure network services on Windows NT Server.
10. Implement remote access service (RAS).
11. Install and configure Microsoft Internet Information Server and Services for NetWare.
12. Install, configure and support printers and printer resources.
13. Install client software.
14. Implement and troubleshoot directory replication and synchronization.
15. Recognize problems related to the boot process.
16. Determine the appropriate action to take for common problems.

## **Major Topics**

- I. Microsoft Windows NT Environment
- II. Installing Windows NT
- III. Configuring the Windows NT Environment
- IV. Managing System Policies
- V. Choosing a File System
- VI. Managing Partitions
- VII. Fault Tolerance
- VIII. Supporting Applications
- IX. Windows NT-based Network Environment
- X. Configuring Windows NT Network Protocols
- XI. Windows NT Networking Services
- XII. Remote Access Service and Telephony Application Programming Interface
- XIII. Internetworking and Intranetworking
- XIV. Interoperating with NetWare
- XV. Printing from Windows NT Server
- XVI. Implementing Network Clients
- XVII. Implementing Data Synchronization and Replication
- XVIII. Troubleshooting Windows NT

## **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).

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