

**Course Outline**  
**MSFT-273**  
**Managing and Maintaining a Microsoft**  
**Windows Server 2003 Environment**  
3 semester hours

**HOWARD COMMUNITY COLLEGE**

**Description**

This course provides students with the knowledge and skills that are required to manage accounts and resources, maintain server resources, monitor server performance, and safeguard data in a Microsoft Windows Server 2003 environment. Prerequisite: MSFT-299 (3 hours lecture, 1 hour lab)

**Overall Course Objectives**

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

1. Create and populate organizational units with user and computer accounts
2. Manage user and computer accounts.
3. Create and manage groups.
4. Manage access to resources including implementing and managing printing.
5. Manage access to objects in organizational units.
6. Implement Group Policy and manage the user and computer environment by using Group Policy.
7. Audit accounts and resources.
8. Prepare to administer server resources.
9. Monitor system performance by configuring a server to perform system monitoring.
10. Manage device drivers by configuring device driver signing and restoring a device driver.
11. Manage hard disks, data storage, and disaster recovery.
12. Maintain software by using Microsoft Software Update Services.

**Major Topics**

- I. Administration of accounts and resources
- II. User and computer accounts
- III. Management of groups, printers and access to resources
- IV. Implementation of printing and Group Policy
- V. Management of access to objects in organizational units
- VI. Use of Group Policy to manage the user environment
- VII. Introduction to security in Windows Server 2003
- VIII. Preparation to administer a server and monitor server performance
- IX. Monitoring server performance
- X. Maintenance of device drivers
- XI. Management of disks, data storage and disaster recovery
- XII. Maintenance of software by using Software Update Services

**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 on Windows Server 2003. It will provide the needed foundation to pass Microsoft Certification Exam 70-290.