

Course Abstract

If you need accommodations due to a disability, contact Disability Services in Edison Hall Room 100, 732.906.2546.

To foster a productive learning environment, the College requires that all students adhere to the Code of Student Conduct which is published in the college catalog and website.

Course ID and Name: CSC252 – Windows Server Administration

Department: Business and Computer Science

Chairperson or Course Coordinator: Dr. Aslihan Cakmak

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Prerequisites: CSC251

Co-requisites: None

Course Description:

Provides a foundation for systems administrators in a Windows Server-based network. Topics include the network architecture, server installation and configuration, physical and logical storage devices, active directory and domain management of users, groups and computer accounts, resource security, remote administration systems monitoring, and performance, network printing, internet web services and disaster recovery implementation. Hands on exercises are provided to allow the student to perform the above mentioned tasks. Successful completion of this course will allow the student to take the associates certification test.

General Education Status: N/A

Credits: 3 Lecture Hours: 2 Lab Hours: 2

Learning Outcomes:

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

1. Manage and maintain physical and logical devices.
2. Manage users, computers and groups.
3. Manage and maintain access to resources.
4. Manage and maintain a server.
5. Management and implementation of Disaster Recovery.

Course Content Areas:

- Introduction to Windows server family. Installation and configuration
- Management of hardware devices
- Creating user accounts and profiles
- Active Directory Organizational Unit and Group membership
- Managing NTFS file and folder permissions
- Configuration of disk storage and RAID
- Advanced systems management
- Implementation of network printing
- Group policy implementation.
- General server administration tasks
- Server performance baselines
- Backup and disaster recovery strategies
- IIS Web Server administration
- Windows Server network security