

# Course Syllabus for NET-250-51

NET-250-51 Windows Server Systems  
Spring 2008 (Monday's 5:30 – 8:15)  
Instructor: Len Denice  
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## Course Objective:

The objective of this course is to provide students with an understanding and appreciation of how to manage and maintain a Windows Server2003 environment. This lab-based course will cover the fundamentals of Windows Server 2003 and network administration. Topics to be covered include: domain administration; file system management; networked printers; user management; and workstation configuration.

## Outline:

- Installation
- Access to Resources
- Hardware Devices and Drivers
- Management
- Storage
- Network Connections
- Security

## Assumed Prior Knowledge/Prerequisites:

NET-130, NET-140 (NET-140 CAN BE TAKEN AS A COREQUISITE COURSE OR AS A PREREQUISITE COURSE).

## Materials:

Textbook: MCSE Guide to Managing a Microsoft Windows Server 2003 Environment, and Lab Manual Additional required readings and materials will be distributed in class or will be available on the Internet.

## Homework Assignments:

Homework will be assigned each week and will be in the form of readings, real world scenarios, research, and/or other topics of learning. Homework assignments are due the next week after they are assigned, unless noted by the instructor. Late homework will receive a lower grade. Partial assignments will be graded as incomplete. Homework will not be accepted after one week late unless prior arrangements are made with the instructor. Any missed labs must be made up in the next class (during lab time).

**Quizzes:**

There will be a 10-minute quiz each week based on the labs, readings, and topics covered in class.

Students are required to take all quizzes when assigned unless arrangements prior to the test are made with the instructor

**Attendance:**

Students are responsible for making-up assignments, obtaining class materials, and keeping pace with the class if an **emergency** requires missing a class. There will be one make-up day during the semester for those students who need it.

**Assessment:**

Student evaluation

Grades are based on the following:

Attendance:	10%
Participation	10%
Homework:	15%
Quizzes:	15%
Midterm:	15%
Lab work	20%
Final Exam	15%

**Academic Honesty Policy:**

All students are expected to adhere to Champlain College's Academic Honesty Policy as outlined in the Student Handbook.

## Calendar: NET 250-51 Windows Server Systems

No.	Date	Title of Lesson
1	January 7	Getting Started with Windows 2003 Server <ul style="list-style-type: none"> <li>• Introduction to Windows 2003</li> <li>• Server 2003 editions</li> <li>• Tackling Active Directory</li> <li>• Getting Ready for Installation</li> <li>• Discuss - DNS, DHCP, Networks, Directory Services, Domain Controllers, Domains, Trees, and Forests</li> </ul>
2	January 14	Installing Windows 2003 Server <ul style="list-style-type: none"> <li>• Product Activation</li> <li>• Server Roles</li> <li>• Active Directory</li> <li>• OU's, Delegations, Group policies</li> </ul>
3	January 21	Installing and Configuring DHCP Installing and Configuring DNS
4	January 28	User accounts <ul style="list-style-type: none"> <li>• Create and Manage User accounts</li> <li>• Using the MMC to manage accounts</li> <li>• Import and automate user accounts</li> <li>• Troubleshooting account issues</li> <li>• User profiles</li> </ul>
5	February 4	Group accounts <ul style="list-style-type: none"> <li>• Create and modify groups by using the Active Directory Users and Computers tool</li> </ul>
6	February 11	Managing files and folders <ul style="list-style-type: none"> <li>• Permissions and security</li> <li>• Monitoring and auditing</li> <li>• Web folders and web access</li> </ul>
7	February 18	Backing up Data <ul style="list-style-type: none"> <li>• Fundamentals</li> <li>• Restoring Data</li> </ul>
8	March 3	Maintaining Windows Server 2003 <ul style="list-style-type: none"> <li>• WSUS</li> <li>• Service Packs</li> <li>• Licenses</li> </ul>
9	March 10	Hardware devices and Drivers <ul style="list-style-type: none"> <li>• Installation</li> <li>• Configuration</li> <li>• Troubleshooting</li> </ul>
10	March 17	Managing Disk Storage <ul style="list-style-type: none"> <li>• Physical disks</li> <li>• Logical volumes</li> <li>• Mounted Volumes</li> <li>• Fault Tolerance</li> <li>•</li> </ul>

11	March 24	Monitoring <ul style="list-style-type: none"> <li>• Using the Event view</li> <li>• Using the Performance Monitor</li> </ul>
12	March 31	Remote Access, VPN and Terminal Services
13	April 7	Recovering from System Failure <ul style="list-style-type: none"> <li>• Recover options</li> <li>• System State</li> <li>• ASR</li> <li>• Recovery Console</li> </ul>
14	April 14	Other Network Operating System – History, benefits, features, and structures.
15	April 21	Final Exam !