

NET350 Course Syllabus

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READ THIS ENTIRE SYLLABUS - you are responsible for understanding all course policies outlined in this syllabus.

Contact Information

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Course Information

Course Title	Windows Server Systems Administration II
Course Number	NET350
Course Description	<p>The objective of this course is to provide students with all works. Topics will include ADS, DNS, and security, as well as investigate some of the Microsoft SMS.</p> <p>By the completion of this semester, you will understand its subcomponents. This class is not designed for anyone with an Internet Browser can go through the concepts, how things work, and a solid understanding of the course.</p>
Course Date	Spring 2009
Prerequisite(s)	Net 250 – Windows Server Systems Administration I

Co-Requisite(s)

Student Objective & Outcomes

By the end of this course, you should be able to intelligently discuss the following:

- Active Directory
- DNS and its role in Active Directory
- Group Policy Objects
- Windows Security objects
- Disaster Recovery
- How Active Directory Communicates
- Design and implementation of a Active Directory structure
- Have a working knowledge of the concepts behind Microsoft Exchange,

Required Textbooks & Materials

Two books are required for this course. One you will read for general knowledge and hands on skills. Documents, hyperlinks and additional electronic materials will

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THOMSON COURSE TECHNOLOGY:MCSE Guide
Michael Aubert, ISBN: 9781423902928

image004.jpg ↗

THOMSON COURSE TECHNOLOGY:Lab Manual
ISBN: 0-619-13019-9

Other Materials

**Windows 2003
Server**

**VMWare
Workstation 5**

You have access to a full working copy of the text (and all the systems and applications) are available for purchase and installing VMWare Workstation requirement for the online version of this course for students. Using VMWare Workstation, you can simulate booting - this will allow you to work on labs in Administration classes.

I don't want to buy VMWare, what can I do

Online students must purchase/obtain VM
A free version of VMWare Server is available (for a limited time, for a 32-bit operating system on your machine). For more information, see <http://www.vmware.com/products/desktop>

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Students are free to use the classroom lab machines.

If you have a spare machine that meets the requirements, you can use it.

All materials, assignments and quizzes for this course are available online.

You can access this course by logging onto <http://www.blackboard.com>

WebCT

Course Calendar

The following is a rough timeline of this course. As we progress, we may find it necessary to adjust the schedule. If such, this schedule is subject to change.

Week	
1 - 9/2-9/8	Chapter 1 - Introduction to Windows Server Chapter 2 - Name Resolution and DNS
2 - 9/9-9/15	Chapter 3 - Active Directory Design Philosophy Chapter 4 - Active Directory Architecture
3 - 9/16-9/22	Chapter 5 - Active Directory Logical Design
4 - 9/23-9/29	Quiz1 Chapter 7 - Active Directory Replication Chapter 8 - Active Directory Operations Master
5 - 9/30-10/6	Chapter 9 - Active Directory Authentication and Authorization Chapter 10 - Managing Users, Groups, Computers and Services
6 - 10/7-10/13	Chapter 11 - Group Policy for Corporate Policy Chapter 12 - Deploying and managing Software
7 - 10/14-10/20	Tues. Oct. 14 will be a "Monday" class schedule, so no class.
8 - 10/21-10/27	Midterm
9 - 10/28-11/3	Chapter 13 - Monitoring and Optimizing Active Directory Chapter 14 - Disaster Recovery
10 - 11/4-11/10	Microsoft Exchange
11 - 11/11-11/17	Microsoft SQL Server
12 - 11/18-11/24	Microsoft System Center Configuration Manager
13 - 11/25-12/1	Thanksgiving Break

14 - 12/2-12		Quiz 2
		Final Project
15 - 12/12-12		Final

Instructional Approach

Lectures/Reading

Half of your responsibility for this course is goal, you should carefully read and listen to chapter readings, online lectures, video and

Labs

The other half of this course is mastering hands-on by-step instructions for performing major administrative tasks on your own (without supervision). Practice and preparation for the weekly skill make that determination based on your level.

Assignments

There are lab assignments due for each month submitted via the WebCT assignment tool. A grade of zero.

Quizzes

There will be multiple-choice quizzes at the end of each concept. You will need to study the readings.

Midterm and Final

These tests are designed to confirm your mastery to do well on the midterm and final.

Methods of Evaluation & Course Policies

A significant portion of your grade is based on participation in the Discussion Board while you are studying. Feel free to link to or describe outside sources that your classmates are using. A "me-too" or "I agree" answer is not considered a beneficial participation. The College's attendance policy states that anyone who misses 6 consecutive classes will be withdrawn. If you have not attended a class within the first 6 hours of instructional time will be withdrawn. The student is responsible for obtaining any labs, lecture notes or other materials. Your responsibility for succeeding in this class is up to you. I will present the facts and give you the tools to be successful. Students are advised to log in and post comments to the Discussion Board. It is strongly suggested that you log in every day in order to be able to complete the assignments for this course.

All quizzes and assignments are due expressly when stated. Late submission will result in a grade of zero.

The goal of this class is to make you an effective and competent Windows network administrator. Complete the lab assignments from the course lab manual.

Make sure you are *learning* when you are doing the labs. Most students can succeed if they pay attention to what they are doing! You will only do well in this course if you ask questions or need for clarifications to me for help. I am 100% committed to your success.

Never feel like you are asking me for too much help. That is what I am here for. I am here to help you understand the material.

I will use the following weights for calculating final grades.

Graded Elements	Weights
Participation	10%
Weekly Assignments	10%
Quizzes	10%
Final Project	20%
Midterm	20%
Final	30%
Total	100%

Grade Calculation

I will use the College's standard numerical scale for calculating final grades.

Grade Range

- A 93+
- A- 90-92
- B+ 87-89
- B 83-86
- B- 80-82
- C+ 77-79
- C 73-76
- C- 70-72
- D+ 67-69
- D 63-66
- D- 60-62
- F Below 60

Satisfaction of Core Competencies

This course is structured in such a way as to provide experiences associated with the core competencies as follows:

- Technology Competence
- Critical & Creative Thinking
- International Awareness
- Global Studies Awareness
- Written / Oral Communication
- Quantitative Literacy
- Ethical Reasoning

The manner in which this course addresses these competencies is outlined in the syllabus.

Technical

To achieve technical competence in this course, students must demonstrate proficiency in the following areas:

Competence

skills, and the ability to use available resources; theory; guided labs will hone the skills required to use common tools, technical resources, and documentation in the real world, the mastery of these three technical

Creative and Critical Thinking

To be at the top of the Information Technology field, you must be able to solve problems and find innovative solutions. The ability to think critically is essential for the network administrator. The ability to think critically

International Awareness

Throughout his course, as students learn to troubleshoot, analyze, evaluate and implement solutions, they will gain a global perspective. Though global awareness is not a major focus, it is important as the IT system fits as it pertains to the global enterprise. The functionality of the Windows operating system is a key component of the IT system.

Oral / Written Communications

In order for students to be successful in the IT field, they must be able to communicate effectively. A successful technician must be able to communicate organizational structure – from fellow technicians to customers – and speak freely using the terminology of the field. They must understand how to break down the jargon into understandable terms. They must study the readings and lectures. They must use web resources to keep them apprised of the latest developments in the field.

Quantitative Literacy

There is not a great mathematical element in the IT world, including decimal, octal, binary, and hexadecimal. However, students must demonstrate the ability to make conversions between these systems.

Ethical Reasoning

Ethical reasoning is one of the most important skills for network administrators. They have access to sensitive information and must be able to handle it responsibly. This policy must be clarified to all students. To examine this, we will discuss network administrators; software theft (piracy); information security; and the impact of IT on society. This will be discussed as time permits.

Students With Disabilities

If you believe that you have a disability requiring accommodations in this class, please contact me as soon as possible. After you receive your accommodation form, please see me in my office.

Contact: Janine Allo – office: Hauke 007; phone: 802-651-5961; email: allo@ Champlain.edu

Academic Honesty

The Champlain College Student Handbook (*The Rudder*) describes the College's policy on academic honesty – written in your own words. Any and all written assignments will be checked for plagiarism using the internet and pretend it is your own writing. This policy will be **strictly** enforced. Collaborating with classmates is completely acceptable in this course. However, copying and pasting from the internet is not acceptable.

clearly documented if taken from other resources.

"In the preparation and presentation of any assigned work-including examination exercises-every student shall conform to a strict standard of academic honesty. Any violation of this standard will be considered a violation of this standard. In all assignments, students must acknowledge sources, whether a direct quotation or a paraphrase; any omission of this is dishonest. Students are prohibited from attempting to give, receive or use-unauthorized assistance during an examination. Any student who is found to have plagiarized or cheated on an examination which a student has plagiarized or cheated. For repeat offenses within a single semester, this policy in multiple courses may result in dismissal from the College. A student who is dismissed from the College may be reinstated after a period of one year.

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