COURSE SYLLABUS
NET 206: Windows Clients I

Course Description

This course provides an introduction to the legacy (XP-based) Microsoft Windows Desktop/Client operating system with an overview of Windows networking. Topics of discussion and hands-on exercises include system installation, the file system, profiles, policies, security, protocols, networking, remote access, printing, and troubleshooting.

General Course Information

Number of Units/Weeks	4/10
#Hours Lecture/#Hours Laboratory/#Hours ELPs*	30/20/60
Prerequisite(s)	None
Co-requisites (s)	None
Course Developer(s)	Brent Luallin, M.S
Date Approved / Last Review	August 2005 / November 2012

*Enhanced Learning Projects

Learning Outcomes

- Recognize terms and processes used in a legacy Windows-based client system.
- Identify interface objects and locations in a legacy Windows operating system.
- Describe the diagnostics tools available for a legacy Windows operating system.
- Configure common peripherals into a legacy Windows operating system.
- Identify tools and methods used when deploying a legacy Windows operating system.

Instructional Methods Employed in this Course

- Lecture and reading assignments
- Hands-on exercises and labs
- Team environment
- Practical application of theory and skills in authentic design projects
- Build on prior knowledge and experience of students to enhance richness of class activities.

Information Resources for this Course

Textbook

Glenn, W. & Northrup, T. Installing, configuring, and administering Windows XP Professional 2nd Edition, Microsoft Press, 2005. ISBN-978-0-7356-2152-7

Other Materials

Shelly, G. & Cashman, T. & Forsythe, S. Windows XP complete concepts and techniques service pack 2. Boston, MA: Course Technolgy, 2005. ISBN: 0-619-25496-4

Web Site Readings

http://www.microsoft.com/windowsxp/pro/default.mspx

Table/Topics & Assignments

Types of Assignments:

Lecture -

Considered Lecture Hours

Classroom Discussion -

Considered Lecture Hours

In Class Critique -

Considered Lecture Hours

Delivering Oral Presentations -

Considered Lecture Hours

In Class (IC) Exercise -

Considered Lecture Hours

Reading -

Considered Enhanced Learning Project (ELP), work done outside of class

WebClass lesson (non-online courses) -

Considered ELP, work done outside of class

Lab Work -

Considered Lab Hours

Quiz, Midterm or Final -

Considered Lecture Hours

Week 1						
Type	**Topic/Description**	**LEC Hours**	**LAB Hours**	**ELP Hours**	**Point Value**	**Due**
LEC 1A	Requirements & Deployment of Windows Clients	3	--	--	--	
IC EX 1A	First Week's Attendance	--	--	--	1	
LAB 1A	Running Programs with Different User Credentials / Automated Installs, &	--	2	--	4	End of week 1

	Transfer Wizards					
ELP 1A	Read Chapters 1-3 (56 pages)	--	--	5.6	--	
ELP 1B	Chapter review questions (15 selected Questions)	--	--	1	3	Beginning of week 2
Total Week 1		3	2	6.6	8	

Week 2

Type	Topic/Description	LEC Hours	LAB Hours	ELP Hours	Point Value	Due
LEC 2A	System Configuration & Management of devices	3	--	--	--	
LAB 2A	Registry Configuration/ Troubleshooting Hardware & Device Management	--	2	--	3	End of week 2
ELP 2A	Read Chapters 4-6 (60 pages)	--	--	6	--	
ELP 2B	Chapter review questions (15 selected questions)	--	--	1	3	Beginning of week 3
Total Week 2		3	2	7	6	

Week 3

Type	Topic/Description	LEC Hours	LAB Hours	ELP Hours	Point Value	Due
LEC 3A	User Accounts & Resource Management	3	--	--	--	
LAB 3A	Accounts Creation, NTFS Permissions & Sharing Resources	--	2	--	3	End of week 3
ELP 3A	Read Chapters 7-9 (44 pages)	--	--	4.4	--	
ELP 3B	Chapter review questions (30 selected questions)	--	--	2	3	Beginning of week 4
Total Week 3		3	2	6.4	6	

Week 4

Type	Topic/Description	LEC Hours	LAB Hours	ELP Hours	Point Value	Due
LEC 4A	Managing Data Storage	3	--	--	--	
LAB 4A	Compression, Disk Quotas, Encrypting File System Usage, &	--	2	--	1	End of week 4

	Defragmentation					
ELP 4A	Read Chapter 10 (30 pages)	--	--	3	--	
ELP 4B	Chapter review (15 selected questions)	--	--	--	3	Beginning of week 5
ELP 4C	Midterm Review chapter 1-9 (190 pages)	--	--	9.5	--	
Total Week 4		3	2	12.5	4	

Week 5

Type	Topic/Description	LEC Hours	LAB Hours	ELP Hours	Point Value	Due
LEC 5A	Review Chapters 1-10	2	--	--	--	
LAB 5A	Class Project Part 1	--	2	--	2.5	End of week 5
EXAM 5A	Midterm	1	--	--	25	End of week 5
Total Week 5		3	2	--	27.5	

Week 6

Type	Topic/Description	LEC Hours	LAB Hours	ELP Hours	Point Value	Due
LEC 6A	Printer Management & Supporting TCP/IP	3	--	--	--	
LAB 6A	Adding & Sharing of Local & Network Printers / TCP/IP Configuration, Alternate Configurations, TCP/IP Tools for Troubleshooting	--	2	--	3	End of week 6
ELP 6A	Read Chapters 11-13 (50 pages)	--	--	5	--	
ELP 6B	Chapter review (15 selected questions)	--	--	1	3	Beginning of week 7
Total Week 6		3	2	6	6	

Week 7

Type	Topic/Description	LEC Hours	LAB Hours	ELP Hours	Point Value	Due
LEC 7A	Active Directory/Network settings Security Options	3	--	--	-	
LAB 7A	Enabling/Disabling Network Connections/	--	2	--	2	End of week 7

	Configuring the Local Security Policy, Using Security Templates					
ELP 7A	Read Chapters 14-16 (62 pages)	--	--	6.2	--	Beginning of week 8
ELP 7B	Chapter review (15 selected questions)	--	--	1	3	Beginning of week 8
Total Week 7		3	2	7.2	5	

Week 8

Type	Topic/Description	LEC Hours	LAB Hours	ELP Hours	Point Value	Due
LEC 8A	Monitoring Tools & Optimizing Windows Systems	3	--	--	--	
LAB 8A	User Monitoring & Sending Administrative Messages/ Working with Win XP tools	--	2	--	3	End of week 8
ELP 8A	Read Chapters 17-19 (37 pages)	--	--	3.7	--	
ELP 8B	Chapter review (45 selected Questions)	--	--	3	3	Beginning of week 9
Total Week 8		3	2	6.7	6	

Week 9

Type	Topic/Description	LEC Hours	LAB Hours	ELP Hours	Point Value	Due
LEC 9A	Backup and Restoration Techniques	3	--	--	--	
LAB 9A	Backup & Restoration and the Automated Recovery System	--	2	--	1	End of week 9
ELP 9A	Read Chapter 20 (15 pages)	--	--	1.5	--	
ELP 9B	Chapter review (15 selected questions)	--	--	--	3	Week 10
ELP 9C	Final Review Chapters 11-19 (164 pages)	--	--	8.2	--	
Total Week 9		3	2	9.7	4	

Week 10

Type	Topic/Description	LEC Hours	LAB Hours	ELP Hours	Point Value	Due
LEC 10A	Review Chapters 11-	2	--	--	--	

	20					
LAB 10A	Class Project Part 2	--	2	--	2.5	End of week 10
EXAM 10A	Final	1	--	--	25	End of week 10
Total Week 10		3	2	--	27.5	

Course Hours Summary

Week	Topic	LEC Hours	LAB Hours	ELP Hours
1	Requirements & Deployment of windows clients	3	2	6.6
2	System configuration & Management of devices	3	2	7
3	User accounts & Resource Management	3	2	6.4
4	Managing Data Storage	3	2	12.5
5	Project Part 1 / Course Review / Mid Term	3	2	0
6	Printer Management & supporting TCP/IP	3	2	6
7	Active Directory/Network settings & Security options	3	2	7.2
8	Monitoring tools & Optimizing windows systems	3	2	6.7
9	Backup and Restoration techniques	3	2	9.7
10	Project Part 2 / Course Review / Final	3	2	0
Total		30	20	62.1

Table/Point Breakdown

Week	Assignment	Possible Points	Percent of Grade
1	First Week's Attendance	1	1%
1	Lesson reviews	3	3%
1	Lab 1	4	4%
2	Lesson reviews	3	3%
2	Lab 2	3	3%
3	Lesson reviews	3	3%
3	Lab 3	3	3%
4	Lesson reviews	3	3%
4	Lab 4	1	1%
5	Class project 1	2.5	2.5%
5	Mid Term	25	25%
6	Lesson review	3	3%
6	Lab 5	3	3%
7	Lesson reviews	3	3%
7	Lab 6	2	2%
8	Lesson reviews	3	3%
8	Lab 7	3	3%
9	Lesson reviews	3	3%
9	Lab 8	1	1%
10	Class project 2	2.5	2.5%
10	Final	25	25%
Total		100	100%

Your Grades for this Course

Your final grade for this course will be based on an assessment by the Instructor of your performance on a number of course activities, which may include objective tests, classroom exercises, laboratory demonstrations, project papers, or other types of activities. The chart below indicates in what activities you will engage, how many possible points can be earned for each activity, and the percentage of your final grade that will be accounted for by each activity.

Students in this course should be graded following Coleman University assessment practices and policies. A point system is used in the University to indicate student performance on various required activities or projects. For this course, it is recommended that points be distributed as follows:

Coleman University Grade Assignment Policy:

Percent	Letter Grade	Grade Points

94-100	A	4
90-93	A-	3.67
87-89	B+	3.33
84-86	B	3
80-83	B-	2.67
77-79	C+	2.33
74-76	C	2
70-73	C-	1.67
67-69	D+	1.33
64-66	D	1
60-63	D-	0.67
N/A	INC	0
N/A	W	0
60 or above	CR	0
59 or below	NC	0
N/A	I	0
N/A	W	0
N/A	AU	0
N/A	TR	0
N/A	WV	0

Legend	
CR = Credit	NC = No Credit
I = Incomplete	W = Course Withdrawal
AU = Audit	TR = Transfer Credit
WV = Waiver	

Academic Accommodation / Adjustment Policy:

In accordance with Section 504 of the Rehabilitation Act of 1973 and the Americans with Disabilities Act (ADA), Coleman University offers accommodations to students with documented physical, psychological, and/or cognitive disabilities. Coleman University will adhere to all applicable federal, state, and local laws, regulations, and guidelines with respect to providing reasonable accommodations as required to offer equal educational opportunities to qualified disabled individuals.

To qualify for an academic accommodation under ADA, the student must provide adequate documentation of a disability. Students seeking academic accommodations should contact the campus ADA Coordinator at 858-966-3953 or via email at ada@coleman.edu. The ADA Coordinator will review the documentation provided and verify ADA coverage. Students covered under ADA must meet with the ADA Coordinator at the beginning of every term to determine the appropriate academic accommodations. Failing to meet with the ADA Coordinator at the beginning of every term may impact the availability of accommodations.

After the academic accommodations have been determined, the students' instructors will be notified by the ADA Coordinator. If any problems or concerns regarding the provision of accommodations occur, the student must inform the ADA Coordinator. If the student feels accommodation is not being made appropriately, the student may follow the published Student Grievance Procedures.