

Fall 2005

# CEG 210: PC Networking I

Chris P. Fickert

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**CEG 210 – Section 02**  
**PC Networking I**  
Fall 2005

**Classroom:** 346 Russ Engineering Center  
**Time:** 5:00PM to 6:40PM – Tuesday & Thursday  
**Credit Hours:** 4  
**CS Dept. Office:** 303 Russ Engineering Center  
**CS Dept. Phone:** (937)-775-5131

**Required Text:** A Guide to NetWare 6.0/6.5 Administration by Ted L. Simpson & Michael T. Simpson.

**Prerequisites:** CS205      **Credit Hours:** 4

**Instructor:** Chris Fickert  
**Office:** 040U Library Annex  
**Phone:** (937)-775-4534 (Please leave a voice mail message)  
**E-Mail:** [chris.fickert@wright.edu](mailto:chris.fickert@wright.edu)  
**Web Site:** [www.wright.edu/~chris.fickert](http://www.wright.edu/~chris.fickert)  
**Office Hours:** By Appointment only

**Course Objective** - The objective of the course is to provide an introduction to PC networking hardware, concepts, and technologies with a focus on hardware configuration and LAN administration using in-class, hands-on exercises with Novell NetWare.

**Teaching Methodology** - Teaching methodology includes a combination of lecture, discussion, and assignments based on the material covered in the textbook, class lecture, labs, and class notes. Student's grades will be based on the following 3 elements.

1. **Exams** – There will be 2 Exams and 1 Quiz consisting of a combination of true-false, multiple choices, matching, and essay questions based on the material covered in the lectures, textbook, computer labs, and assignments. **Make up exams will be scheduled ONLY in the case of an extreme, documented emergency. You MUST notify me before the exam is given. There will be no exceptions, please.**

2. **Assignments** – Assignments will be given to emphasize the material covered in the lecture and text. These assignments will be completed on an individual, and occasionally, group basis. These assignments will be graded on their accuracy, thoroughness, and quality. Assignment due dates will be given in class. In the event you are not present, you will be solely responsible for obtaining the assignment and completing it. If an assignment is late, 10% will be deducted for each day it is late (including weekends). You may e-mail assignments to my campus e-mail address. Assignments will be given at the instructor's discretion and therefore attending class is strongly advised. **NO assignment will be accepted if it is more than ONE WEEK past the posted due date.** Assignments may be added or deleted depending on the needs of the class. Please come to class for revisions.

**3. Attendance** - Attendance will be recorded. It may be used subjectively to raise borderline grades. Before you leave the lab, perform a system shutdown and power off the PC and monitor. Make sure to eject your disks.

**4. Final Project** - You will be asked to complete a final project that will incorporate the material learned in the course.

**Grading Structure** – Final grades for this course will be derived from the following structure.

<b>Grade Distribution</b>	
Quiz 1	10%
EXAM 1	25%
EXAM 2 – Final	25%
Lab Assignments	25%
Final Project	15%
<b>Grading Scale</b>	
90-100%	A
80-89%	B
70-79%	C
60-69%	D
59% or below	F

Violations of Academic Integrity:

I will follow the Office of Judicial Affairs' Student Guide to Academic Integrity.

[http://www.wright.edu/students/judicial/stu\\_integrity.html](http://www.wright.edu/students/judicial/stu_integrity.html)

Responsible Use of Computing Equipment: You are responsible for following the responsible use of computing equipment guidelines. Please refer to <http://www.wright.edu/wrightway/3002.html> for complete information.

Important Dates:

**2005 - 2006**

**Fall Quarter 2005**

September 6, Tuesday	First Day of Fall Quarter Classes
September 26, Monday	Last Day to Drop a Class Without a Grade
October 24, Monday	Last Day for All Students to Drop a Class With a Grade of W
November 11, Friday	Veteran's Day (University Closed)
November 12, Saturday	Last Day of Fall Quarter Classes
November 14-19 Mon-Sat	Final Examinations
November 19, Saturday	Fall Commencement

You will have card access to this lab and may use the lab when there is not another class in session. Go to the following web site for accessibility times.

<http://www.cs.wright.edu/cse/students/labschedule.shtml>

**CLASS SCHEDULE AND LABS - (Subject to Change)**

<b>Date</b>	<b>Topic</b>	<b>Text</b>
Sept. 6	Course Overview and Networking Basics	CH. 1, Omit pp 30-35 Lab 1 Handout
Sept. 8	Microcomputer Hardware	CH. 2, Lab 2 Handout, Working with ConsoleOne and NwAdmin
Sept. 13	Designing the Network	CH. 3 Lab 3 Project 3-1 (p. 163)
Sept. 15	Designing the Network	CH. 3 Lab 3 Case 3-1 (p. 165) include pricing for interconnection devices
Sept. 20	Directory Services <b>Quiz 1 – CH. 1, 2, 3</b>	CH. 4, Lab 4 Case 4.2
Sept. 22	Directory Services	CH. 7, Lab 7 Case 7.2
Sept. 27	Network File System	CH. 5, Lab 5 Case 5.2
Sept. 29	Installing the Server Operating System	CH. 6, Building Network Lab
Oct. 4	<b>Exam 1 – CH. 1, 2, 3, 4, 5, 6, 7</b>	
Oct. 6	Network File System	CH. 8, Lab 8 Project 8.5 & 8.6
Oct. 11	Managing Users, Groups, and Login Security	CH. 9, Lab 9 Case 9.2
Oct. 13	Managing Users, Groups, and Login Security Managing the NDS Tree & File System Security	CH. 9, Ch. 10 Lab 9 Project 9.10
Oct. 18	Managing the NDS Tree & File System Security Using Trustee Assignments and File Attributes	CH. 10, Lab 10 Case 10.1
Oct. 20	Managing and Controlling the User Desktop Environment	CH. 12, Lab 12 Case 12.1
Oct. 25	Managing and Controlling the User Desktop Environment	CH. 12
Oct. 27	Printing	CH. 11, Lab 11 Handout
Nov. 1	Managing the Network	CH. 13, Final Project
Nov. 3	Web Services and Securing the Network Services	CH. 14, Final Project
Nov. 8	Final Project, Questions, Misc	Final Project Due
Nov. 10	<b>Exam 3 – CH. 8, 9, 10, 11, 12, 13, 14</b>	
Nov. 15	Final Exam Scheduled 5:45-7:45 PM	Only if Needed