

# Course Structure and Policies

Welcome to MISY 811. This course covers the advanced technical and management principles of Computer Networking and Telecommunications, extending and expanding the topics from MISY810.

## 1. General Information

- Instructor: Michael Davis
    - o Email: [davis@ece.udel.edu](mailto:davis@ece.udel.edu) [SUBJECT: MISY811 "your subject"]
    - o Phone: 831-8756
  - Textbook:  
Raymond R. Panko, *Business Data Networks and Telecommunications*, Prentice Hall, 2009.
  - Class meeting place/time:           Monday, 6:00-8:45pm, Evans Hall (EVN) 210
  - Lab Assignments:  
Evans Hall 148, every week. Lab reports are due at the beginning of the next lecture.
  - Office Hours:  
Monday 5:30-6:00, or By Appointment, 110 Evans Hall
  - Web Pages  
This handout, most subsequent handouts, and all lab assignments for this course are or will be made available through a page on the World Wide Web. For this section, it is located at:  
<http://www.ece.udel.edu/~davis/misy811>
- The Textbook author has additional Student resources available at:  
[http://wps.prenhall.com/bp\\_panko\\_bdnt\\_7](http://wps.prenhall.com/bp_panko_bdnt_7)

## 2 Course Structure

There will be one lecture per week. Lectures will usually run from 6:00-7:20, followed by a 10minute break. The remaining time (7:30-8:45) will be spent in the lab with the Instructor. Students are responsible for all material covered in the lectures. Much, **but not all**, of the material covered in lecture is discussed in the textbook. Attendance is not taken, but it is the students' responsibility to get copies of any missed class notes from a classmate, not from the instructor.

### 2.1. Suggested Reading

Suggested reading assignments will not be given for each lecture. In general, you should follow along in the textbook, as we progress thru it in order.

### 2.2. Case Study Problems

Throughout the semester, case study problems will be assigned. An article will be assigned to be researched outside of class on its technical and business applications. A write up on the Case Study is required by each student, and we will discuss some or all of them during the following lecture.

### 2.3. Labs

Each of the labs will require students to work through some tasks in a lab handout. Most of the labs can be completed in the allotted time each week. After completing their labs, students will be required to write a lab report on their findings. The report is due at the beginning of the next class meeting time.

### 2.4. Quizzes

There will be 2 or more announced quizzes throughout the Semester, to test your knowledge of the lecture material. These will be in class and closed book, multiple-choice type tests lasting 20-30 minutes.

## 3 Grading

Final grades will be based on the following:

- Lab assignments: 30%
- Quizzes 15%
- Midterm 10%
- Final Project: 25%
- Case Study Assignments: 20%

## 4 Late Policy

Lab assignments and Case Study assignments will be penalized 10%, each day they are late.

## 5 Collaboration Policy

We expect that everyone involved in this course is a responsible individual. Thus, we do not expect to have any problems with cheating. However, in order to avoid any misunderstandings with regard to what is and is not acceptable, we have laid out some specific policies below.

1. Students are encouraged to work on Case Studies in groups. Getting together in small groups to go over the problems can be a very useful learning tool. An **Individual** write-up of your own ideas and opinions is required.
2. Lab assignments are different. While it is acceptable for student lab groups to discuss the labs with one-another in general terms, it is **NOT** acceptable for student lab groups to collaborate on the actual lab with anyone except their lab partner.
3. Each student (not each group!) must write his or her own report for each lab. Using drawings, tables, diagrams, etc. from the computer will make this a much easier task.
4. On the exams, there is to be no collaboration whatsoever. You will be asked to show a photoID when turning in exams, please remember to bring one along with you.

Violations of these policies will be handled with severe penalties. ***Any student engaging in academic dishonesty will be directed to the Office of the Director of Judicial Affairs, regardless of their performance on any other assignments or exams.***

## 6 Outline

Proposed schedule for lecture/lab topics:

<b>Date</b>	<b>Lecture</b>	<b>Lab</b>
2009-09-14	Course Review	Lab Review
2009-09-21	Module A – TCP/IP	Dynamic Routing II
2009-09-28	Module A – TCP/IP	
2009-10-05	Chap 9 – Security	Packets and Frames
2009-10-12	Chap 9 – Security	Network Security Intro.
2009-10-19	Quiz1 / Chap 9 - Security	
2009-10-26	Midterm (Take Home) Module D – Cryptographic	Firewalls
2009-11-02	IPv6	
2009-11-09	Chap 10 – Network Mgmt.	IPv6
2009-11-16	VoIP / VPN	
2009-11-23	Chap 6 – PSTN	Network Management and/or VPNs (*)
2009-11-30	Chap 7 – WANs	
2009-12-07	Quiz 2 / Chap 7 – WANs	(*Net Mgmt lab due)
2009-12-14	Final Project Presentations	(*VPN lab due)