

Governors State University  
College of Business and Public Administration

*The College of Business and Public Administration's primary mission is to deliver quality instruction which is accessible to a diverse student body, and to create a dynamic learning environment for students, faculty, staff, and the community.*

**Course:** MIS 440  
*Telecommunications and Distributed Data Systems-Networking*

**Course Objectives:** *Business Data Communications and Networking*  
Students will gain a broad foundation in the field of data communications and networking, as they are typically found in a business environment. This includes familiarity with basic terminology and operations of a data communication network.

**Session:** Fall 1997  
MW, 11:00-12:15

**Professor:** Linda Knight  
**Office:** C-3361  
**Office Phone:** (708) 534-4947  
**E-mail:** \_\_\_\_\_

**Office hours:** MW 10:00-11:00  
R 3:30-4:30  
A 9:00-10:00  
Additional times on request.

**Textbooks:**  
Fitzgerald, Jerry and Dennis, Alan. *Business Data Communications and Networking, Fifth Edition.* New York, John Wiley and Sons, 1996.  
Additional text as announced in class.

**Other required materials**  
High density (HD) 3.5 inch diskettes formatted for IBM compatible computers. Minimum of two are recommended (one original and one backup diskette).

**Attendance**  
Expected. Students are accountable for material covered and assignments / announcements made in class sessions they miss. Arrangements should be made early in the semester to get notes and assignments from a fellow student, in case of unexpected absence.

**Changes to syllabus**  
This syllabus is subject to change as necessary during the semester, to better meet student needs. Any changes will be announced during class sessions.

GSU ARCHIVES  
MIS 440

MIS 440

Week	Lecture Topic	Assignments (write in the spaces below as they are assigned)
Sept 3	Chapter 1: Introduction	
Sept 8,10	Chapter 1, continued and Chapter 2: Network Applications	
Sept 15,17	Chapter 2, Internet	
Week of Sept 22-date TBA	Chicago Board of Trade field trip	CBOT field trip
Sept 29, Oct 1	Chapter 3: Telephone communication hardware and Chapter 4: Data communication hardware	
Oct 6,8	Chapter 5: Data transmission	
Oct 13,15	Review and Midterm exam	Midterm exam
Oct 20,22	Chapter 6: Data Link Layer	
Oct 27, 29	Chapter 7: Network Layer	
Nov 3,5	Chapter 8: Local Area Networks	
Nov 10,12	Chapter 9: Metropolitan and Wide Area Networks Chapter 10: Backbone Networks	
Nov 17,19	Chapter 11: Network design and implementation	
Nov 24,26	Chapter 12: Network management	
Dec 2,4	Chapter 13: Network security	
Dec 8,10	Review for final exam	Case analysis notebook due
Dec 15	Final exam	Final exam

MIS 440

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### Grading

- 50% Best of: (1) Average of weekly quizzes  
(2) Average of midterm and final exams
- 25% Assignment average
- 25% Next Day Air Service case study
- 15% group presentation
- 10% case analysis notebook

A = 89.500 - 100.000 percent

B = 79.500 - 89.499

C = 69.500 - 79.499

D = 59.500 - 69.499

F = 00.000 - 59.499

### Weekly quizzes

1. Two lowest quiz grades will be dropped
2. Quizzes cover the material listed for the prior week in the table on page 2, along with material presented in class or included in assignments.
3. No make-up quizzes will be offered. Missing a quiz results in a zero for that quiz  
(but the two lowest quiz grades will be dropped).

### Midterm and final

1. Midterm covers parts 1 and 2; final covers parts 3 and 4 of Fitzgerald text. In addition, both may cover additional material presented in class or included in assignments.
2. Students who have genuine emergencies requiring them to miss either the midterm or final must contact the instructor and make other arrangements before the exam is given.
3. Students who are getting an *A* or a *B*, and are satisfied with their grade, will be excused from the final exam. The midterm is required of all students.

### Next Day Air Service Case Study

1. Next Day Air Service is a cumulative case study that begins on page 479 of the Fitzgerald text. Each student is expected to analyze the case and answer the appropriate questions, as each chapter is studied. These answers are to be keyed into a wordprocessor, and printouts saved in a notebook, to be handed in at the end of the semester. These notebooks are individual projects, and will be graded individually.
2. In addition to the case notebook, students will be divided into groups. Each group will present their analysis of the case for a single chapter. These analyses should be professional quality presentations, developed using PowerPoint or similar presentation software.

### Extra credit

Students may earn extra credit by bringing to class relevant clippings (or photocopies) from current periodicals of articles related to the course, and giving a brief overview of the material to the class. A student may present a maximum of one article each week. All articles must have been published during current semester, and should appear in common periodicals, not computer publications. Examples of suitable publications, in no particular order, include: *Newsweek*, *Time*,

*Chicago Tribune, Chicago Sun-Times, Wall Street Journal, New York Times, Reader's Digest.* Articles must be handed in immediately after presentation with the student's name, course and date presented in the upper right corner. No points will be awarded for articles without adequate bibliographic information

### Assignments

All assignments must have identifying information printed in the upper right hand corner, as follows:

Name (first last)  
MIS 440; MW 11:00  
Assignment number and name

Homework grades are based upon:

(1) Timely completion

Assignments are considered late if they are not in the professor's hands before she leaves campus on the day due.

All assignments should be handed in when requested at the start of class. If a student chooses to use the professor's mailbox instead, timeliness of completion will be determined by when the professor checks her mail.

Ten points will be deducted for each week, or fraction thereof, that an assignment is late.

Each student is allowed a single one-week extension, which can be used by handwriting a note to the instructor immediately after the identifying information at the top of the first page of the assignment.

- (2) Accuracy in meeting assignment specifications  
(3) Professional quality

### Miscellaneous notes

1. While some lab time will be available in class, students should not expect to be able to complete their computer assignments during this time alone.
2. Students are encouraged to collaborate on assignments, sharing experiences and expertise. This is quite different from copying or from having another person do one's work. In all cases, when a student hands in an assignment for grading, he/she is certifying that it is his/her work, and his/her work alone.
3. Students are expected to read the text and complete assignments without being explicitly told each class what to read or do.
4. Anything more than one page long must be stapled together before it is handed in. The professor cannot be responsible for keeping loose, paperclipped, or folded papers together.
5. As in any college course, correct spelling, grammar and punctuation are expected in all work. Students are urged to use Office's spelling and grammar checking capabilities, and/or prevail upon their friends or relatives as proofreaders.