

## SYLLABUS

IDS 412 - Spring 2005

Distributed Business Systems

Call numbers: 16739 (3 credit hours) and 19292 (4 credit hours)

Prerequisite: IDS 400, IDS 401, or consent of the instructor

Instructor: Jan Sunjaya  
Office/Ph/email: Room 1128 UH; (312) 355-1245; jsun@uic.edu  
Class Time: 02:00 P.M.- 02:50 P.M. Mon., Wed., and Fri.  
Classroom Room 208 Burnham Hall  
Office Hours: 10:30 A.M. - 12:00 Noon. Monday & Friday  
Course website: <http://blackboard.uic.edu>

### Course Objectives

This course is intended as an introductory course in information communications. The primary objective is to introduce students to the basic concepts and issues related to data or information communications. Specifically, the students will learn, among others, the following topics.

- a. Different services (voice, data, image, and video) and forms (analog or digital) of business information and their implications for distributed data processing.
- b. TCP/IP and OSI Architectures.
- c. Physical Layer Concepts.
- d. Modems and alternatives to ordinary modems.
- e. Circuit switching and packet switching approaches to networking, local area network technology, and client server computing.
- f. Security.

### Assignments:

There will be three individual assignments and one term project. For the term project, students will form groups of up to three students per group. With a majority vote, a free rider can be dismissed from a group within two weeks after the assigned date. The dismissed student can in turn join another group, if this is acceptable to the group, or do the project alone. In the project report, each group member should specify the contribution he or she made to this project.

### Grading:

Homework Assignments	22.5%
Group project	22.5%
One midterm	25%
Final	30%

### Letter Grades Determination:

A	- 90% or above
B	- 80% and below 90%
C	- 70% and below 80%
D	- 60% and below 70%
F	- below 60%

Depending on class performance, the grades might be curved.

### Text

Business Data Networks and Telecommunications /Raymond Panko  
fourth edition, Prentice Hall, 2002.  
ISBN: 0130359149

**Tentative outline:**

<u>Date</u>	<u>Subject</u>	<u>Reading Assignments</u>
Week 1	Core Network Concepts	Chapter 1
Week 2	<b>January 17: Martin Luther King, Jr. Day. No classes</b> Standards	Chapter 2
Week 3	Physical Layer Propagation	Chapter 3
Week 4	Small PC Network	Chapter 4
Week 5	Other LANs	Chapter 5
Week 6	Telephony	Chapter 6
<b>Week 7</b>	<b>Review Session on Monday and Wednesday</b> <b>Midterm on Friday</b> <b>Midterm will cover Chapter 1 to Chapter 6</b>	
Week 8	Wide Area Networking	Chapter 7
Week 9	TCP/IP Internetworking	Chapter 8
Week 10	Term project discussion	Lecture notes
<b>Week 11</b>	<b>Spring Break (March 21-25). No classes.</b>	
Week 12	Term project discussion (continued)	Lecture notes
Week 13	Term project discussion (continued)	Lecture notes
Week 14	Security	Chapter 9
Week 15	Networked Applications	Chapters 11
Week 16	Systems Admin (if time permits)	Chapter 10
Week 17	Final Exam (covers chapters 7 to 11) Time and Place: TBA (see the website for this course).	

**College of Business Administration**  
**University of Illinois at Chicago**

January 2003

**Honor Code for the College of Business Administration**

As an academic community the College of Business Administration at the University of Illinois at Chicago is committed to providing an environment in which teaching, learning, research, and scholarship can flourish and in which all endeavors are guided by academic and professional integrity. All members of the college community – students, faculty, staff, and administrators – share the responsibility of insuring that high standards of integrity are upheld so that such an environment exists.

In pursuit of these high ideas and standards of academic life, as a student I hereby commit myself to respect and uphold the University of Illinois at Chicago (UIC) College of Business Administration Honor Code during my entire matriculation at UIC. I agree to maintain the highest moral and ethical standards in all academic and business endeavors and to conduct myself honorably as a responsible member of the college academic community. This includes the following:

- Not to seek unfair advantage over other students, including, but not limited to giving or receiving unauthorized aid during completion of academic requirements;
- To represent fact and self truthfully at all times;
- To respect the property and personal rights of all members of the academic community.

An abbreviated version of the Honor Code pledge may be printed on course syllabi, exam booklets, and other uses as deemed appropriate. The abbreviated version is as follows:

This course and its associated coursework are being administered under the policies of the University of Illinois at Chicago (UIC) College of Business Administration Honor Code. All students are expected to respect and uphold this code.

**Honor Code Violations and Enforcement**

Violations of the Honor Code are just causes for discipline under the University of Illinois at Chicago Student Disciplinary Procedure, and all allegations of Honor Code violations shall be handled pursuant to that Procedure.

(For a complete description of just causes for discipline, disciplinary procedures, and sanctions, see the pamphlet “Student Disciplinary Procedure of the Senate Committee on Student Discipline,” available from the Office of the Dean of Students, SSB, Suite 3030, 1200 W. Harrison St., M/C 318.)

**Honor Code Council**

The Honor Code Council shall be formed consisting of two faculty members elected by faculty vote and six student members (two graduate students and four undergraduate students) appointed by the Assistant Dean for Student Services through recommendation of the Dean’s Advisory Council (DAC). Each member will serve a term of one academic year, beginning in August. The Council shall elect a chairperson and a secretary.

The duties of the Honor Code Council shall include:

- Recommend changes in the Honor Code.
- Inform all students, staff, and faculty of the Honor Code and the procedures to be followed for pursuing alleged Honor Code violations.
- Ensure that the Honor Code is prominently displayed within the College of Business Administration and on course syllabi and exam booklets.
- Ensure that the Honor Code and related information are accurately described in the Graduate and Undergraduate catalogs.

- Work with the Office of Student Services to include the Honor Code in its promotion of the University of Illinois at Chicago College of Business Administration to potential students.
- Work with college administration to ensure that the Honor Code statement is signed by all students prior to their enrollment in the college.
- Inform all UIC faculty, staff, and students of the Honor Code of the College of Business Administration, and encourage the adoption of its principles.