MIS 140 - Business Telecommunications

SPRING 2016

CALIFORNIA STATE UNIVERSITY, SACRAMENTO

College of Business Administration

Tentative **Spring 2016 COURSE OUTLINE** UPDATED ***November 6, 2015***

INSTRUCTOR: Thomas Sandman, Professor Emeritus

FACULTY OFFICE: TAH-2060

TELEPHONE: 278-6670

E-MAIL: Course related email messages will only be accepted through the SacCT messaging system. One should expect responses to course related email messages during the next scheduled office hours.

WWW: Course website is via the SacCT system (professor's public site: http://www.csus.edu/indiv/s/sandmant/)

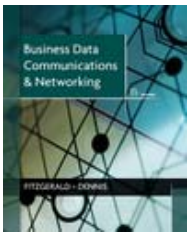
OFFICE HOURS: Tuesdays and Thursdays 12:30PM - 2:00PM

CLASS TIMES: Section 01: TuTh 10:30AM - 11:45AM in TAH 1003

BASIC REQUIREMENTS:

- **SACLINK** Account -
  Information about SACLINK accounts: https://mysaclink.csus.edu/Default.aspx
- Access to **SacCT:**
  General information about SacCT: http://www.csus.edu/sacct
- Ability to use and control a web browser
- Access to a reliable internet connection
- Ability to use electronic communication tools (e.g., email and discussion boards) in a professional manner, following appropriate "netiquette".

REQUIRED TEXT:



Business Data Communications and Networking,
Jerry Fitzgerald and Alan Dennis
John Wiley and Sons, Inc.
Eleventh Edition, 2012
ISBN 978-1-1180-8683-4

COURSE PREREQUISITE:

1. Classified Business Standing (i.e. Business Major - no PreBusiness Students).
2. MIS 015 or CSC 015.

CATALOG COURSE DESCRIPTION:

MIS 140. Business Telecommunications. Examinations of issues involved in establishing elecommunications systems in a business organization. Introduction to basic terminology and hardware/software components of networks, including components of voice systems, local area networks, and client-server technology. Emphasis is on feasibility analysis of different telecommunications alternatives in typical business settings. Student will prepare reports on actual business telecommunications configurations.

ELECTRONIC DEVICE REGULATION:

No photographing, recording, or text messaging is allowed without written permission of the instructor.

COURSE METHODOLOGY:

Lectures will be presented to supplement the subject matter covered in the text. Students will be expected to have completed the reading assignments prior to class and to participate in class discussions which will center around the important material covered in each chapter. You will also be expected to be prepared for unannounced quizzes. Homework assignments will consist of sets of objective questions covering the reading assignments. The students will be expected to turn in homework on time. ***Any late homework will not be accepted***.

TENTATIVE READING ASSIGNMENTS:

Below is the tentative schedule for the course. The topics and reading assignments are given for each week. Students are expected to be fully prepared to discuss the topics and reading in class. The assignments that listed may have a different actual due date than indicated by the row. Verify all due dates through the appropriate SacCT page. This schedule may change during the semester. Updates will be posted through SacCT.

WEEK:	DATE:	DAY:	TOPIC:	READING:	DUE:
1	1/26	Tu	Course Introduction	**1**	
1	1/28	Th	Intro to Data Communications	**1**	
2	2/2	Tu	Application Layers	**2**	**HW1**
2	2/4	Th	Physical Layer	**3**	**HW2**
3	2/9	Tu	Physical Layer	**3**	**HW3**
3	2/11	Th	Physical Layer	**3**	
4	2/16	Tu	Data Link Layer	**4**	**HW4**
4	2/18	Th	Data Link Layer	**4**	
5	2/23	Tu	Review	**1-4**	
5	2/25	Th	**Examination 1 - Chapters 1-4**	**1-4**	
6	3/1	Tu	Network and Transport Layer	**5**	**HW5**
6	3/3	Th	Network and Transport Layer	**5**	
7	3/8	Tu	Wired and Wireless LANs	**6**	**HW6**
7	3/10	Th	Wired and Wireless LANs	**6**	
8	3/15	Tu	Wired and Wireless LANs	**6**	
8	3/17	Th	Wired and Wireless LANs	**6**	

TENTATIVE READING ASSIGNMENTS: (Cont.)

Below is the tentative schedule for the course. The topics and reading assignments are given for each week. Students are expected to be fully prepared to discuss the topics and reading in class. The assignments that listed may have a different actual due date than indicated by the row. Verify all due dates through the appropriate SacCT page. This schedule may change during the semester. Updates will be posted through SacCT.

WEEK:	DATE:	DAY:	TOPIC:	READING:	DUE:
			Spring Break!		
9	3/29	Tu	Backbone Networks	**7**	**HW7**
9	3/31	Th	**Cesar Chavez Birthday Holiday**		
10	4/5	Tu	Review	**5-7**	
10	4/7	Th	**Examination 2 - Chapters 5-7**	**5-7**	
11	4/12	Tu	Wide-Area Networks	**8**	**HW8**
11	4/14	Th	Wide-Area Networks	**8**	
12	4/19	Tu	The Internet	**9**	**HW9**
12	4/21	Th	The Internet	**9**	
13	4/26	Tu	Network Security	**10**	**HW10**
13	4/28	Th	Network Security	**10**	
14	5/3	Tu	Network Design	**11**	**HW11**
14	5/5	Th	Network Design	**11**	
15	5/10	Tu	Network Management	**12**	**HW12**
15	5/12	Th	Review	**ALL**	**Case**
16	5/18-22	?	**FINAL EXAM Comprehensive; Time & Location TBA**	**ALL**	

CLASS PARTICIPATION:

While attendance is not a direct component of the course grade, attending class and general involvement in class discussions is expected. The course schedule may change at any time. Announcements will be made in class about any changes, and it is the responsibility of the student to keep up with and to know about any such changes. In this course, the concepts tend to build on earlier concepts. Attend class so that you can ask questions!! Attend class so that you can hear other questions!! Attend class so that you can keep up with any course changes!! Attend class so that you can learn!!

COURSE GRADE:

The course grade will be based upon the following components weighted as indicated:

Assessment Tool	Points	Approximate Weight
Examination 1 and 2	*200*	*37%*
Comprehensive Final Examination	*100*	*19%*
Case Analysis	*50*	*9%*
12 Homework Assignments	*180*	*33%*
Pop Quiz(zes)	*10*	*2%*
Total:	***540***	

Students will be expected to take the exams when scheduled. Students missing an exam will receive a zero for that exam unless a valid reason for missing the exam can be verified. There are no "make-up" exams. If an exam is missed with a valid reason, the weight for that exam will be added to the weight for the final exam.

Final course grades will follow the standard straight scale of:

91%+ for an A,
90%+ for an A-,
89%+ for a B+,
81%+ for a B,
80%+ for a B-,
79%+ for a C+,
71%+ for a C,
70%+ for a C-, and
60%+ for a D. Non-passing grades will be either D or F (no '+' or '-').

There should be no expectation of a 'curve' in the final course grading.

It is the student's responsibility to validate any grade that they recieve. Sometimes an assignment may have a mistake in its grading. Students must review their graded assignments in a timely manner. Students must raise any questions regarding the grading of their assignments prior to the end of finals week. After finals week, the recorded points for any grading component will not be changed.

Special grades:

** 'WU' stands for 'Unauthorized Withdrawal'. This will only be considered for students who have not participated in the course after the fourth week of the course.

** 'I' stands for 'Incomplete'. This will only be considered when the policies and procedures of the College are followed (see http://www.csus.edu/cba/ubac/Documents/Std11rev_003.pdf). Any incomplete petition must be approved prior to the end of the 15th week of the semester.

NOTE: This is a course for business students. Therefore, it is expected that all work for this course will be presented in a very neat and professional manner. Style, spelling, grammar, and presentation are components of all grading. ***No handwritten homework or assignments will be accepted!***

ACADEMIC HONESTY:

All examinations and assignments in this course are to be done individually. Any violations, or perceived violations, of this policy will result in zero (0) credit for the examination/assignment for each of the parties involved **and a failing grade in the course**. Prosecution of any such violations will be rigorously pursued through the appropriate channels (e.g., Associate Dean for Student Affairs). Read the University policy statement on academic honesty online at: http://www.csus.edu/umanual/student/STU-0100.htm.

STUDENT BEHAVIOR:

Disruptive behavior, either online or in the classroom, will not be tolerated. A disruptive student is a student who engages in behavior that interferes with the process of teaching and learning. Refer to the University's policy on student disruptive behavior. Disruptive students will be removed from class and issued a failing semester grade.

EXAMINATIONS:

Examinations in this course are challenging. Each examination is self contained - you only need to bring a pencil/pen. The examinations are primarily problem based and calculators will be provided to ensure an even playing field. All examinations are Closed book – Closed everything!! (no notes; no calculators; no PDAs, no Cell Phones, no ear buds, etc; no talking; no neighbors; no hats – I want to see your eyes)!

A set of prior examination questions is accessible through SacCT (in Adobe Acrobat -.pdf format). These documents contain the questions that have been used on Professor Sandman's MIS 140 examinations for the past several years. Many of the questions seem to repeat themselves, but they are often slightly different. These documents are available to enhance the ability of MIS 140 students to gauge their progress with the material.

HOMEWORK:

Homework sets will be accessible through SacCT. Homework assignments are due at the time indicated on SacCT. These are individual assignments and no collaboration is allowed. Students may submit homework sets 1 through 12 as many times as they wish prior to the due date, and only the highest score attained for each of the homework sets will count toward the course grade.

MIS LIST SERVER:

All MIS students are expected to subscribe to the MIS Student List Server. See instructions online at http://www.csus.edu/cba/biz/BizList.html

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