

MIS 470 – Data Communications and Networks
Creighton University, College of Business Administration
Monday 6:15 – 9:00pm, BA 110
Spring 2009

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<http://eden.creighton.edu/mis470>

Course Resources

The textbook for the course is *Business Data Network and Telecommunications*, Seventh Edition, by Raymond Panko. The ISBN is 0-13-615340-2, published by Pearson/Prentice-Hall. The class will be using [Blueline](#) this semester. Check the *Blueline Class Dates* section daily for course information. You have been subscribed to our class listserve, MIS470@creighton.edu, with your Creighton email address.

Contact Information

I am a Creighton staff member, and my office is located in BA 112A. I am at work generally from 8:00am to 4:30pm, Monday through Friday. See above for phone and email information. If you send email with attachments, please note that Creighton does not allow emails over fifteen megabytes in size. If you wish to email larger attachments, please email them to terry@terrybegley.com. When you email, please use a subject line with the words **MIS 470** in the title so I can identify the message in my inbox easier.

Summary

This course provides an introduction to the concepts and terminology in data communication, networks, network design and distributed information systems. These topics include equipment, protocols and architectures, transmission alternatives, the communication environment, regulatory issues, and network pricing and management. A combination of lectures, discussions, presentations and student projects will be used to understand the dynamic field of data communications and issues surrounding it. The Creighton mission is to be guided by our Jesuit heritage, we form leaders who promote justice and use their business knowledge to improve the world.

Assignments and Projects

We will have individual and group assignments. These will vary according to the topics being covered. The group project will be hands-on work with networking in the classroom. In order to obtain an "A" in this class, you must successfully complete the networking hands-on assignments. Work outside of class time will be necessary to complete these assignments. It is strongly suggested that students review the assignments in advance, as some require significant lead-time to complete. A student or student group may be precluded from completing an assignment because of poor planning.

Make-Up and Late Policy

All assignments that are handed in late will be docked 10% per day that they are late, unless arrangements have been made at least 24 hours before the due date. The term LATE refers to all assignments turned in after the class time on the assignment's due date. The only exceptions to the late policy are if the University is closed due to severe weather (and must be announced on the CU weather hotline). If there are major network or machine problems, assignment dates will be adjusted for the length of the outage. These outages must be announced on the CU site <http://itnotices.creighton.edu> or at their recorded announcement line at 280-1116.

Attendance Policy

Please note that all students are expected to attend every class session on time. **Punctuality is expected.** Students are responsible for the material covered each class time, and missed notes should be obtained from another student who was in class. Most handouts will be available on the class website.

In case of severe weather closings and cancellations, call the *Creighton Weather Hotline* at 280-5800 to find out if the University has closed. If the University is still open and I feel that the weather is too severe to hold class, I will announce it via email to our class list and on my office voice mail.

Classroom Etiquette

Since we are a large class in a small room, let's follow these rules:

1. Be punctual. Coming in late disrupts your fellow students. *If you are going to be late for a lab session, do not bother coming to class, as you will not be able to catch up.*
2. Do not leave class early unless it is an emergency.
3. No texting during class.
4. Turn off cell phones, PDAs and pagers. **If your phone or pager goes off in class, you must provide snacks for everyone at the next class meeting.**¹

¹ Due to the nature of his job, the instructor is exempt from this requirement.

Accommodation Requirements

Students who have a documented disability will be accommodated based on the determination of the University's [Office of Disability Accommodations](#). **All** requests for special accommodations (longer test time, alternate assignments, etc.) **must** come through this office.

Software for Class use

COBA is part of the Microsoft Developer Network Academic Alliance (MSDNAA) program and I can make certain software available to you for installation on your personally owned computer at no charge. This software includes Access, Expressions and Groove. Information on how to obtain this software will be provided at a later time.

Classroom Monitoring Software

COBA has acquired licenses for NetOp School software. This software allows the instructor to remotely monitor and control the student computers at any time, from the podium in the classroom. Be advised that the instructor can view your screen, lock out the keyboard and mouse, and do other commands without student input.

The classroom computers are also equipped with [DeepFreeze](#) software. This software resets each computer back to a "frozen" state when it is rebooted or powered up. Do not save anything on the computer that you can't afford to lose. FYI: DeepFreeze is also installed in the Wade and Seagate labs.

Extra Credit

Occasionally there are opportunities for extra credit work, such as attending seminars by the Computer Center or a speaker on campus. If an opportunity arises during the semester, I will announce it on our class web page and via email.

H1N1 Statement

No one can predict how the H1N1 "swine flu" virus will affect us this coming semester. Therefore, the instructor reserves the right to modify the class content and delivery methods based on quarantine and other flu-related events.

Grading and Grading Scale

The student is required to take notice of where he or she stands in regards to their performance and attendance in this class. If special needs arise, or there is a problem with the student's attendance, or grade, the student is responsible for contacting the professor to discuss those concerns, in as timely a manner as is reasonable. Students may contact me by any of the methods listed earlier at any time. Email and telephone voicemail are available 24 hours a day. Failure on the part of the student to proceed under these guidelines, or to violate any rules set out in this syllabus, or in the Student Handbook, including those dealing with academic honesty, may result in a lowering of the student's grade, or a grade of F or AF, at the discretion of the professor.

All work may be subjected, at the discretion of the instructor, to examination by plagiarism detection techniques, including web searches and the use of plagiarism detection sites and software. Penalties for violations of academic integrity will be determined by the instructor and may include, but are not limited to:

- Failure on the given assignment
- Failure for the course
- Submission to the University Office of Academic Affairs

The following are the grades and their descriptions available to the students. A student's grade totally depends on what he or she has achieved during the course: the grades will be earned, not given.

- "A" indicates not only outstanding achievement but also an unusual degree of intellectual initiative.
- "B" indicates attainment of above the average, satisfactory for 500-level courses.
- "C" indicates satisfactory but minimum quality work in courses above the 500-level.
- "D" indicates failure—no credit.

Percentage Grade	Letter
92% - 100%	A
87% - 91.99%	B+
82% - 86.99%	B
77% - 81.99%	C+
70% - 76.99%	C
60% - 69.99%	D
59.99% or less	F
Incomplete	I
Excessive absences	AF

The percentage values are:

ITEM	Points
Class Attendance and Participation	10%
Assignments	45%
Midterm and Final exams	45%
TOTAL	100%

Important Course Dates

Listed below are some important dates for the course. As the course progresses, I will announce the weekly class topics on our website.

August 31	Introductions and Administrivia Syllabus and class overview Set up AMI accounts, etc. Set up groups and operating system assignments
September 7	Labor Day holiday - No class
September 14	
September 21	
September 28	
October 5	
October 12	Exam One
October 19	Fall Break - No class
October 26	
November 2	
November 9	
November 16	
November 23	
November 30	
December 7	
December 14	Final Exam: <i>Presentation of projects or as needed</i>