

MBA 553 - Principles of Information Systems

Creighton University, College of Business Administration

Summer 2001

Terry Begley MBA, MCSE
COBA Technology Coordinator
tbegley@creighton.edu or terry@tbegley.com
280-2619 (office) 280-2172 (fax)
<http://eden.creighton.edu/mba553>

Summary

The Principles of Information Systems presents an introduction to the fundamental concepts and issues relevant to the successful development, management, and use of organizational Information Systems (IS). The course includes an overview of current and emerging Information Technologies (IT), and covers the support commonly offered by IS for operations, transactions processing, tactical management, and strategic decision-making. The course emphasizes the areas that reflect the future directions of the field, such as artificial intelligence, telecommunications and networking, the Internet, intranets, CASE (Computer-Assisted Software Engineering) tools, and end-user computing.

Contact Information

I am a Creighton staff member, and my office is located in BA 112A. I am here generally from 8:00am to 4:30pm, Monday through Friday¹. See above for phone and email information. If you send email with attachments, please note that Creighton does not allow emails over 2 megabytes in size. If you wish to email larger attachments, please email them to terry@tbegley.com. When you email, please use a subject line with the words **MBA 553** in the title so I can identify the message in my inbox easier.

Class Time

Friday, June 8 and June 22 from 6:00pm - 10:00pm
Saturday, June 8 and June 23 from 8:00am - noon, and 1:00 - 5:30pm
The class meets in BA 110.

¹ Note that I may be working in other offices, attending meetings or at other job-related functions. I will not always be in my office during the day!

Course Resources

Since innovation and change are a daily routine in IT, it is hard to keep up with such dynamism only by studying it from a textbook. I've got some articles on the class website, and we will also look at other online media.

You can use any basic introduction to MIS textbook. I will use what is used in the standard undergraduate course: ***Management Information Systems for the Information Age***, Third edition, by Haag, Cummings and Dawkins. The book is published by Irwin McGraw-Hill, and has ISBN 0-07-231535-0. If you wish to use another similar text, go right ahead. The outline will be based on this book, but the topics are similar to most other MIS textbooks. We will also use *HTML 4 for Dummies – Quick Reference*, Second Edition by IDG Books. The ISBN is 0-7645-0721-4. The company website for the textbook is <http://www.mhhe.com/business/mis/haag/>. You should also check out the [Online Learning Center](#) link, which has information from the authors of the textbook. Our course website is <http://eden.creighton.edu/mba553>. Check the link to *news* for updated class information before every class. We also have a class listserv, called mba553@creighton.edu that you should subscribe to.

You will also need a Creighton University email account, an account on Grackle, and access to the World Wide Web, either at a computer lab, home, or office. I will provide some of the supplements. Others will require a library or World Wide Web (WWW) search by the student. We will also do some work on Grackle, a Red Hat Linux server in our college. I will create accounts for everyone on Grackle the first day of class.

HTML and Unix Assignments

We will be creating individual websites on our Linux server, *Grackle*, as well as using it for hands-on exercises in networking. Your research paper will be published on your website at the end of the semester. We will use the HTML text to follow along as we create our pages.

Examinations

The exams will be take-home, open book, open-notes exams. I will give them out at the end of class on Saturday, and they will be due at the specified time. The exams will include true-false, multiple-choice, and fill-in-the-blank questions.

Tech Tips and News

There is always something new and exciting in the technology field. Three times during the class (the second, third and last days of class) you will make a presentation to the class on an interesting website, a new product, a new service, or something new and exciting in the technology field. You can use any of the presentation media in the classroom. You must turn in a one-page sheet to me describing to me your site, item or news as you present your Tech Tip and News. Each item should take about three to five minutes to present.

Research Paper

You will research an issue in technology during the semester, and present the results of your research as a paper printed out and also published on your website during the final exam time.

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.

Attendance Policy

Please note that all students are expected to attend every class session on time. Students are responsible for the material covered each class time, and missed notes, handouts and URL's should be obtained from another student who was in class that day. In the case of severe weather closings and cancellations, call the Creighton Weather Hotline at 280-5800. New this summer is a Network Status Hotline at 280-1116.

Grading Scale

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
90–100%	A
88-89%	B+
80-87%	B
78-79%	C+
70-78%	C
60-69%	D
59% or less	F
Incomplete	I
Not completing Final Exam	IX

The point values of the assignments and exams are given below:

Midterm Test	100
Final Test	100
Web Site	100
Research Paper	100
Creighton Networking Skills	50
Electronic Communications	70
Tech Tips (3 @10 each)	30
TOTAL:	550

Course Outline and Assignments

Friday, June 8	<p>Introductions Syllabus and Class Overview Set up <i>Grackle</i> accounts and COBA dial-up accounts Chapter 1, <i>The Information Age in Which You Live</i> Chapter 2, <i>Information Technology Systems</i> Chapter 3, <i>Strategic and Competitive Opportunities</i></p>
Saturday, June 9	<p>Hardware Presentation Appendix A Chapter Seven, <i>Emerging Technologies</i> Chapter Four, <i>Databases and Data Warehouses</i> Chapter Five, <i>Decision Support and Artificial Intelligence</i></p> <p>Give out take-home midterm examination (Due on Friday, June 16)</p>
Friday, June 22	<p>Chapter Six, <i>Networks</i> Appendix B, <i>The Internet</i></p>
Saturday, June 23	<p>Chapter 8, <i>Planning for IT Systems</i> Chapter 9, <i>Developing IT Systems</i> Chapter 10, <i>Managing IT Systems</i></p> <p>Give out take-home final examination (Due on Monday, July 2nd)</p>