



IS 2800
INFORMATION SYSTEMS
CONCEPTS AND APPLICATIONS

Syllabus

Instructor:

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Class Hours: Tuesdays and Thursdays 8:00 – 9:15 a.m.

Office Hours: Tuesdays and Thursdays 11: 00 – 12:00 and by appointment

Required Textbooks and Internet Resources

Information Systems Concepts and Applications: Using Applications to Create Business Solutions, Custom Edition for the University Missouri St. Louis. Either first or second edition will work.

Essentials for Design: JavaScript Level One, Michael Brooks, Prentice Hall

<http://www.w3schools.com/html/default.asp>

www.w3schools.com/js/default.asp

Course Description

Prerequisites: BA 1800 or satisfactory performance on proficiency exam. Course covers concepts of information systems as they relate to business functions, including web page design and e-commerce, telecommunications, systems analysis and design, ethics of information system design and use, information security, foundations of database systems and integrated business information systems. Students will also gain valuable strategies for career development, contact management, and networking.

Learning Objectives

Upon completion of the course, students will have an understanding of:

- A. Challenges confronting the management of information systems
- B. Analysis, design and implementation of information systems
- C. Telecommunications and mobile computing
- D. Web – Based application development
- E. E-commerce
- F. Legal, ethical, privacy, and security issues relating to information systems
- G. Communication & networking skills
- H. Emerging topics in information systems

Grading and Assignments

Topic	Points
Homework Assignments/Projects	200
Project	200
Midterm Exam	250
Final Exam	250
In - class pop quizzes and exercises	100
Total	1000

Grading scale (*range tbd*):

- A =
- A- =
- B+ =
- B =
- B - =
- C+ =
- C =
- C- =
- D+ =
- D=
- D - =
- F=

Tentative Schedule (can be modified)

Approximate Week:	Topic	Assigned Reading
1:	IS and the Enterprise	Chapter 2
2:	IS and the Enterprise	Chapter 2
3:	<i>Advanced Excel Functions</i>	<i>On - Line Resources and problem solving cases</i>
4:	<i>Advanced Excel Functions</i>	<i>On - Line Resources and problem solving cases</i>
2/24, 2/26	E-Commerce and the Digital Firm	Chapter 10
3/3	Business Intelligence and Data Warehousing	Chapter 6/Milligan posted
3/5	Business Intelligence and Data Warehousing/Workday for Milligan	Chap. 6
3/10	Enterprise Application and Business Process Integration	Milligan Case due
3/12	Start Piedmont	Piedmont posted
3/17	<i>Guest Speaker (Don Imholz, Centene Corp.); Piedmont/Begin Ch. 9</i>	Quiz/ Chapter 9
3/19	Complete Ch. 9; partial workday Piedmont	Piedmont due on 3/20 by 5:00 p.m.
3/31	Midterm review	
4/2	<i>Midterm exam</i>	
4/7	<i>HTML and JavaScript</i>	<i>On-Line Resources</i>
4/9	<i>HTML and JavaScript</i>	<i>On-Line Resources</i>

4/14	<i>HTML and JavaScript</i>	<i>On-Line Resources</i>
4/16	<i>HTML and JavaScript</i>	JavaScript text
4/21, 4/23	<i>HTML and JavaScript</i>	JavaScript text
4/28, 4/30	<i>HTML and JavaScript /Development</i>	Chapter 13
5/5	Security	Chapter 8
5/7	Review for Final exam	

Final Exam: TR 8:00 – 9:15 Tuesday, May 12, 2009 7:45 – 9:45 AM

**Important Dates:
SPRING SEMESTER – 2009**

*January 19 Monday, Martin Luther King Holiday
January 20 Tuesday, classes begin 8:00 a.m.
March 21 Saturday, Spring recess begins 5:00 p.m.
March 30 Monday, classes resume 8:00 a.m.
May 9 Saturday, classes end 5:00 p.m.
May 11 Monday, final examinations begin
May 16 Saturday, Spring Semester closes, end of day*

Academic Dishonesty Guidelines: (from Academic Affairs website, revised May 2003)

Students at the University of Missouri-St. Louis are expected to exhibit the highest standards of academic integrity. An act of academic dishonesty is an offense against the university. For that reason, university rules prescribe disciplinary as well as academic consequences for academic dishonesty.

The bulletin and student planner provide guidelines for appropriate academic conduct. The following procedures guide the campus in upholding the University of Missouri Collected Rules for Student Academic Conduct. Academic Dishonesty is defined by Collected Rule 200.010 STANDARD OF CONDUCT

<http://www.system.missouri.edu/uminfo/rules/programs/200010.htm>.

Academic dishonesty, such as cheating, plagiarism, or sabotage.

The Board of Curators recognizes that academic honesty is essential for the intellectual life of the University. Faculty members have a special obligation to expect high standards of academic honesty in all student work. Students have a special obligation to adhere to such standards. In all cases of academic dishonesty, the instructor shall make an academic judgment about the student's grade on that work and in that course. The instructor shall report the alleged academic dishonesty to the Primary Administrative Officer.