



IS 2800
INFORMATION SYSTEMS
CONCEPTS AND APPLICATIONS

Syllabus

Instructor:

Sheila Burkett
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Office Hours: Virtual 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. (ISBN 0-536-48595-1)



Essentials for Design: JavaScript Level One, Michael Brooks, Prentice Hall (ISBN 0-13-187897-2)

Useful Sites:

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

Course Description

Prerequisites: BA or IS 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



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Grading and Assignments

Topic	Points
Homework Assignments/Projects/Survey	300
Major Project	200
Exams (three exams; 1 & 2 150 each, final 200)	500
Total	1000



Letter Grades:

A	94 – 100%
A-	90 – 93.999%
B+	87 - 89.999%
B	84 – 86.999%
B-	80 – 83.999%
C+	77 – 79.999%
C	74 – 76.999%
C-	70 – 73.999%
D+	67 – 69.999%
D	64 – 66.999%
D-	60 – 63.999%
F	0 – 59.999%

Schedule








Each week begins on Monday and the last day of the week is Sunday. ALL assignments are due by the end of the week (Sunday – 11:59 p.m.). Please note that if you WAIT until Sunday at 10 p.m. to start your assignment, I will not be able to answer your questions that evening.

WEEK 1 begins Monday, August 24, 2009. YOU MAY WORK AHEAD! Do not get behind in this course, as it will be difficult to catch up. Everything is on MYGATEWAY.

Reading/Assignment	Outline	Notes
 <p>Chapter 2 (pages 32-123)</p> 	<p style="text-align: center;">WEEK 1</p> <p>Introduction to the management of information systems</p> <p>Survey and Computer Skills Assignment due by end of week 1.</p>	







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<p>Intro Survey</p>  <p>Assignment – Computer Skills</p>		
 <p>Chapter 2 (pages 32-123)</p> <p>Peoplesoft Video</p>  <p>Plan Efficient Transportation Routes (page 73)</p>	<p>WEEK 2</p> <p>IS and the Enterprise; IT Infrastructure</p> <p>ASSIGNMENT due the end of WEEK 2 on Plan Efficient Transportation Routes</p>	
  <p>Milligan Case (pages 1-5 of 2nd section of Blue book/MIS Cases)</p>	<p>WEEK 3</p> <p>Advanced Excel Spreadsheet Skills – DUE END OF WEEK 3</p>	
 <p>Chapter 9 (354-383)</p>  <p>Evaluating Supply</p>	<p>WEEK 4</p> <p>Enterprise Applications and Business Process Integration</p> <p>Assignment – EVALUATING SUPPLY CHAIN due end of week 4</p>	








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Chain Management Services (Page 381)		
	EXAM – WEEK 5 (on tools, chapter 2 & 9, spreadsheet skills)	You MUST take your exam at an Online Testing Facility by 9/27/09
 Piedmont Case (pages 6-12 of 2 nd section of Blue book/MIS Cases)	WEEK 6 Advanced Excel Spreadsheet Skills	
 Chapter 10 (388-424) E-commerce Assignment	WEEK 7 E-commerce and the Digital Firm	
 Chapter 13 (510-549) Lafferty/Rottman Paper on Outsourcing	WEEK 8 Systems Development & Outsourcing	
 Chapters 1-3 JavaScript Assignment	WEEK 9 HTML & JavaScript <i>Work ALL exercises in book.</i>	



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	EXAM – WEEK 10 (Chapter 10, 13 in blue book; Spreadsheet Skills, HTML and JavaScript chapters 1-3)	You MUST take your exam at an Online Testing Facility by 11/1/2009
 Chapters 4-6 JavaScript Assignment for Ch. 4-6	WEEK 11 HTML & JavaScript <i>Work ALL exercises in book.</i>	
 Chapter 6 (222-257)	WEEK 12 Business Intelligence and Data Warehousing	
 Chapter 4 (124-165)	WEEK 13 HTML & JavaScript	
 Chapter 4 (124-165)	WEEK 14 Ethical Issues	
	WEEK 15 MAJOR PROJECT IS DUE	MAJOR PROJECT IS DUE!
 Chapter 8 (312-351)	EXAM WEEK 16 Security	
	EXAM (Final) WEEK 17 (Chapter 6, 4, 8 in blue book; JavaScript 4-10)	You MUST take your exam at an Online Testing Facility 12/19/2009

Important Dates:

August 24 Monday, classes begin 8:00 a.m.



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September 7 Monday, Labor Day holiday
September 8 Tuesday, classes resume 8:00 a.m.
September 21 – LAST DAY TO DROP WITHOUT GRADE
November 16 – LAST DAY TO DROP WITH GRADE
November 21 Saturday, Fall Break (Thanksgiving holiday) begins 5:00 p.m.
November 30 Monday, classes resume 8:00 a.m.
December 12 Saturday, classes end 5:00 p.m.
December 14 Monday, final examinations begin
December 19 Saturday, Fall Semester closes, end of day
December 19 Saturday, Fall Commencement

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.