

Information Systems 2800 INFORMATION SYSTEMS CONCEPTS AND APPLICATIONS

Bob McCarthy

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Sec 03,04

(636) 887-6600

Class Room:ESH005

Office: ESH 227

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.

Course 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 and networking skills
- H. Emerging topics in information systems

Course Materials:

Required Books:

*Information Systems: Concepts and Applications
Using Applications to Create Business Solutions
Third Custom Edition for UM-St. Louis
Prentice Hall*

Disability statement:

If anyone has a health condition or disability, which may require accommodations in order to effectively participate in this class, please contact the **Disability Access Services Office in 144 Millennium Student Center at 516.6554**. Information about your disability will be regarded as confidential.

Attendance:

Regular attendance is necessary to be successful in this course. Attendance will be taken starting in the second week of the semester. As you are aware, attendance is required during the first week of class for class roster verification. It is essential that you come to class prepared with the proper text and other necessary materials. You should be ready to take part in class discussions. Attendance will be verified via the quizzes given at the beginning of class. Late arrivals will **NOT** be allowed to take the quiz.

Policy Statements:

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

This syllabus may be revised at the discretion of the instructor without prior notification or consent of the student.

CASES

Case 1	Milligan's Backyard Storage Kits	Pg 307
Case 2	Piedmont Trailer Manufacturing Company	Pg 313
Case 3	Terrell and Terrell Property Management, Inc.	Pg 345
Case 4	BJR Investment	Pg. 363
Case 5	Madison's Department Store	Pg. 372
Case 6	Baylee Byrd Playsets, Inc.	Pg 385
Case 7	Edmund Grant Pharmaceutical Company	Pg 393 OR
	Molly Mackenzie Boat Marina	Pg 401

Grading and Assignments

Topic	Points
Cases	600
Midterm Exam (textbook, cases, and excel)	200
Final Exam (textbook, cases, and excel)	200
In-class Quizzes	70 extra credit + 30 Mentoring Events
	Grade determined on 1000 points

Tentative Schedule

Date	Topic	Assigned Reading
01/21	Syllabus, Quizzes General Info Case 1 Discussion	
01/23	Case 1 Discussion Excel Principals and Functions	Review Excel PP
01/28	<i>Excel Functions. Workday</i>	
01/30	<i>Global E-Business and Collaboration</i>	Chapter 2
02/04	Case 2 discussion	Case 1 due (50 pts)
02/06	Workday	
02/11	Workday	
02/13	Workday	
02/18	Case 3 discussion	Case 2 due (50 pts)
02/20	Excel-Go with Cash Flow	
02/25	Ethical and Social Issues in Information Systems	Chapter 4
02/27	Workday	
03/04	Case 4 Discussion	Case 3 due (70 pts)
03/06	Foundations of Business Intelligence: Databases and Information Management	Chapter 6
03/11	Workday, Review	
03/13	MidTerm (Chapters 2,4,6,9—Cases 1-4—Excel)	
03/18	Case 5 discussion	Case 4 due (90 pts)
03/20	Securing Information Systems	Chapter 8
04/01	Workday	
04/03	Workday	
04/08	Case 6 discussion	Case 5 due (100 pts)
04/10	Achieving Operational Excellence and Customer Intimacy: Enterprise Applications	Chapter 9
04/15	Workday	
04/17	Workday	
04/22	Case 7 discussion, Access presentation	Case 6 due (120 pts)
04/24	E-Commerce: Digital Markets, Digital Goods	Chapter 10
04/29	Workday	
05/01	Workday	
05/06	Workday	Case 7 due (120 pts)
05/08	Review	
	Final (Chapters 8,10,13—Cases 5,6,7—Excel)	Sec 03 May 13 @ 7:45AM Sec 04 May 15 @ 7:45AM Sec E02 May 12 @ 5:30PM

NOTES

1. Do **NOT** put anything under my office door – put assignments and anything else in my mailbox – you can also leave assignments at my office in Wentzville (exit 208 – right to end of WalMart strip mall – go thru 2 stop lights and make next right into strip)
2. On Campus hours are Monday and Wednesday 3:00PM – 8:30PM (class 5:30PM – 6:45PM and Tuesday and Thursday 7:30AM – 2:00PM (class 8:00AM – 10:45AM). If I am not in class, check my office or the faculty resource center (ESH 105).
3. Other hours are at my Wentzville office by appointment.
4. Do **NOT** leave messages on my campus phone. You can leave messages at mccarthy@umsl.edu or on (636) 887-6600 (preferred).
5. No excuses for missing a class or test. It is your responsibility to make up a missed assignment and/or information.
6. If you miss a test and have made prior arrangements, the last chance to make it up is at the start of the **next class day before class start time (will not be curved)**.
7. There is no extra credit work available in this class besides the quizzes that may be given at the beginning of some class periods.
8. Cell phones, pagers, PDA's, and MP3 players will not be used during class time. **Food and drink are not allowed in the classroom.** In the classroom, students' computer usage may be monitored at any time at the discretion of the instructor.
9. Assignments turned in after the due date will be penalized 10% per class day (includes Monday thru Thursday), up to a maximum of 50% of the score achieved.