



INFSYS 2800
INFORMATION SYSTEMS
CONCEPTS AND APPLICATIONS

Syllabus

Instructor:

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Office Hours: I am around most of the time. Email for an appointment or stop by 456 SSB any time.

Required Textbooks and Internet Resources

Information Systems Concepts and Applications: Using Applications to Create Business Solutions, Third Custom Edition for the University Missouri St. Louis. Third Edition.

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. E-commerce
- E. Legal, ethical, privacy, and security issues relating to information systems
- F. Communication & networking skills
- G. Problem solving using application software

Grading and Assignments

| Topic | Points |
|--------------------------------------|--------|
| Excel Projects | 400 |
| Midterm Exam | 250 |
| Final Exam | 250 |
| In - class pop quizzes and exercises | 100 |
| Total | 1000 |

Tentative Schedule

| Approximate Week: | Topic | Excel Project | Assigned Reading |
|--|--|--|--|
| 1: | Course Overview and IS and the Enterprise | | |
| 2: | IS and the Enterprise Graphing and Advanced Excel Functions | | Chapter 2 |
| 3: | <i>Advanced Excel Functions</i> | <i>Project 1: Case 1: Milligan 50 Points</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> |
| 5: | E-Commerce and the Digital Firm | Project 2: Case 2: Piedmont Trailer 50 Points | Chapter 10 |
| 6: | Enterprise Application and Business Process Integration | | Chapter 9 |
| 7: | Business Intelligence and Data Warehousing | Project 3: Laudon Case: Supply Chain 100 Points | Chapter 6 |
| 8: | Midterm Exam: Chapters 2, 10, 9 and 6. Excel Concepts | | |
| 9 | Ethical Issues | <i>Project 4: Case 5 Klein Seminars 200 points</i> | Chapter 4 |
| 10: | Security | Project 4 | Chapter 8 |
| 11: | Development | Project 4 | Chapter 13 |
| 12 | | Project 4 | |
| 13: | | Project 4 | |
| 14: | | Project 4 | |
| Final Exam: All Chapters and Excel Concepts Final Exam is cumulative. | | Tuesday, 12 May 12:30 – 02:30 PM | |

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.