

**UNIVERSITY OF MISSOURI – ST. LOUIS**  
**IS 2800: Information Systems Concepts and Applications**  
**Fall 2014**

Professor: Dr. Dinesh Mirchandani  
Office Location: 217 ESH  
Office Hours: By appointment  
Office Phone: 314-516-7354  
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Classroom Location: 102 SSB  
Class Days/Times: TuTh 2.00 pm – 3.15 pm

**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, Pearson Custom Library.

**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 systems 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 applications
- D. 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

**Internet Access and E-Mail:**

All students should obtain access to the Internet and an e-mail account. If you have any questions about the course or need assistance, please contact me in person or by e-mail at any time.

**Assignments:**

Assignments are due before the beginning of class on the date they are due and you will be given adequate time to complete each one. All assignments are to be completed individually.

**Grading:**

Homework Assignments	60%
Exam 1	15%
Exam 2	15%
Final Exam	10%
<b>Total</b>	<b>100%</b>

### Tentative Course Schedule:

Classes on	Topic	Assigned Reading
8/26 – 8/28	Course Introduction IS and the Enterprise	
9/2 – 9/4	Global E-Business and Collaboration	IS C&A Chapter 2
9/9 – 9/11	Excel Principles	<i>Milligan case discussion</i>
9/16 – 9/18	Excel Functions	<i>Piedmont case discussion</i>
9/23 – 9/25	Excel continued	<i>Timeka case discussion</i>
9/30 – 10/2	Ethical and Social issues in IS	IS C&A Chapter 4
10/7 – 10/14	Databases and Information Management	IS C&A Chapter 6
<b>10/16</b>	<b>Exam 1</b>	<b>IS C&amp;A Chapters 2, 4, 6</b>
10/21 – 10/28	Securing Information Systems Excel continued	IS C&A Chapter 8
10/30 – 11/4	Enterprise Applications and Business Process Integration	IS C&A Chapter 9
11/6 – 11/11	E-Commerce and the Digital Firm	IS C&A Chapter 10
11/13	<b>Exam 2</b>	<b>IS C&amp;A Chapters 8, 9, 10</b>
11/18 – 11/20	Excel continued	
<b>11/25 – 11/27</b>	<b>Thanksgiving Break</b>	
12/2 – 12/4	Building Information Systems	IS C& A Chapter 13
12/9 – 12/11	Building Business Applications	
<b>12/16</b>	<b>Final Exam</b>	<b>12.30 pm – 2.30 pm in class</b>

### Grade Distribution Scale:

Grades will be assigned fairly based on natural breaks in the grade distribution.

### Student Disability:

If anyone has a health condition or disability, which may require accommodations in order to effectively participate in this class, please let me know. This information will be kept strictly confidential.

### 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.