



BA 2800 – E02 - Fall 2009  
**INFORMATION SYSTEMS CONCEPTS AND APPLICATIONS**  
Tuesday 6:55pm to 9:35pm - 005 CCB

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**Instructor:** Svetlana Krasteva, M.S. (MIS), Ph.D. in progress  
**Office location:** 240 Computer Center Building (CCB)  
**Office hours:** Tuesday, 5:45pm – 6:45pm, and other times by appointment  
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Note: 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 at 144 Millennium Student Center (ph: 314-516-6554).

### Course Materials

- **Required Text Book:** *Information Systems, Concepts & Applications*, custom edition for the University of Missouri - St. Louis, including *Essentials for design* for JavaScript (available at the University book store)
- Online reference for HTML & JavaScript: <http://www.w3schools.com>
- Other material as assigned in class

### 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 Outcomes

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 Policy

Homework Assignments	200
Project & Presentation	200
Midterm Exam	250
Final Exam	250
Attendance and Class Participation	100
Total:	1000

A	=	900 - 1000
B+	=	861 - 899
B	=	831 - 860
B-	=	800 - 830
C+	=	761 - 799
C	=	731 - 760
C-	=	700 - 730
D+	=	651 - 699
D	=	600 - 650
F	=	599 and below

**Tentative Schedule**

<b>Approx. Wk.</b>	<b>Topic</b>	<b>Assigned Reading</b>
Week 1	Course Introduction	
Week 2	IS and the Enterprise	Chapter 2
Week 3	<i>Advanced Excel Functions</i>	<i>On - Line Resources and problem solving cases</i>
Week 4	<i>Advanced Excel Functions</i>	<i>On - Line Resources and problem solving cases</i>
Week 5	E-Commerce and the Digital Firm	Chapter 10
Week 6	Enterprise Application and Business Process Integration	Chapter 9
Week 7	Enterprise Application and Business Process Integration	Chapter 9
Week 8	<b>MID-TERM EXAM (October 13)</b>	<b>All material covered prior to Mid-term</b>
Week 9	Business Intelligence and Data Warehousing	Chapter 6
Week 10	<i>HTML and JavaScript</i>	<i>On-Line Resources</i>
Week 11	<i>HTML and JavaScript</i>	<i>On-Line Resources</i>
Week 12	Ethical Issues	Chapter 4
Week 13	Security Development	Chapter 8 Chapter 13
Week 14	<b>NO CLASSES - FALL BREAK</b>	
Week 15	Project Presentations - all groups	
Week 16	<i>Review for the final exam</i>	

**FINAL EXAM: Tuesday, December 15, 2009 - 07:45 - 09:45 PM (CCB 005)**

**Schedule may be changed depending on class progress.**

**Important Dates: FALL SEMESTER - 2009**  
August 24, Monday, classes begin 8:00 a.m.

September 5, Saturday, Labor Day Holiday begins 5:00 p.m.

September 8, Monday, classes resume 8:00 a.m.

December 12, Saturday, classes end 5:00 p.m.

December 15, Tuesday, final examination

### **Attendance and class participation**

In the work environment, you are expected to attend your job every day, unless extenuating circumstances arise. Similarly, you will be expected to attend all classes. Not only will exam materials be covered in class but exercises will occur. If you have to be absent (illness, injury, etc.) be considerate and notify me as soon as possible. Your grade for class participation will be based on your attendance, and the frequency and quality of your contribution. Attendance will be taken at the beginning of each class. You should not come to class late. This is inappropriate and unprofessional. However, if you have a legitimate reason for being late or have to leave a class early, you should notify me in advance. You have one 'free' absence, after it one point will be deducted from your attendance score for each unexcused late arrival. Students who have a perfect attendance score (this means NO absences or late arrivals at all -including excused or unexcused) will receive a 10% bonus added to the attendance score at the end of the semester.

**Class participation** from your end is indispensable from a learning point of view - both for you and your class mates. While adequate participation *may* earn you the assigned points, *not* participating may affect your overall grade. **Unless under extenuating circumstances, please read assigned material before class and make every effort to participate in class discussions.**

### **Assignments**

Two assignments will be given during the semester. Their due dates are respectively **September 15, 2009 and October 27, 2009**. All assignments with more than one page must be either stapled, or paper clipped. Please note that you can submit your assignments before the due date; however, assignments submitted **after the class hour on the due date** are considered as late and are subject to the penalty mentioned below.

Papers which are folded over or corners torn to keep pages together are NOT acceptable. All assignments should also be typed, with double spaced 11 or 12 font size and 1 inch margins from each side. Assignments that do not meet this requirement or those that do not follow respective instructions will receive an automatic 10% deduction. Late assignments will be deducted 10% for each 24 hour period after collected until no points remain.

**Group Project.** The group project consists of a creation of fully functional web site that could be used with little or no modifications in the real world. Each group will present the finished web site to the rest of the class and to me. No PowerPoint presentations are necessary (unless you want to), since by now you would have published the site to at least one group members account. Group project presentations will take place on **December 1, 2009**. Peer evaluations will be conducted for the group project to ensure that all group members will contribute equally to the group assignment. Any student who contributes less than his/her group members will receive a lower grade than the one assigned to the group.

### **Exams**

Two exams will be given. Both exams will include essay and objective questions. Dates for the exams are listed on the schedule page. Make-up exams are not offered so make whatever arrangements are necessary to ensure your attendance on those two days. Any conflicts with other

exams in the finals week should be reported to the instructor at least one week prior to the examination to qualify for an alternative test date.

### **Policy for Final Examination.**

There will be no make-up final exam given. Make-ups for the final examination will be granted only for extreme personal problems/illness. You must contact the instructor **before** the final examination and show documented evidence to be eligible for the make-up exam. Any students who have not made an arrangement for make-up exams **before** the final examination will receive a zero grade on the final examination. The privilege of a make-up final examination is at the professor's discretion.

### **Extra credits**

You will be given opportunity to get up to 60 points of extra credit by attending the MIS mentoring program, or other campus events marked as eligible for extra credit. There will be 3 mentoring meetings for this semester. Each one of them is worth 20 pts, thus by visiting all of them you will earn 60 pts. The dates and topics are as follows

- **Wednesday 9/9/09:** Keys to successful interviews: interview skills, resumes and cover letters
  - **Thursday 10/22/09:** Everything you need to know about internships
  - **Friday 11/13/09:** A day in the life of an IT professional
- All events will begin with food, drinks and networking at **5:30 pm** and the program will start at 5:45 pm. All events will be in Grace's Place (204 CCB).

**You can earn extra credit points by visiting other events as well.** For more information about the eligible events, please visit [http://www.umsu.edu/~sauter/analysis/event\\_schedule.html](http://www.umsu.edu/~sauter/analysis/event_schedule.html) . In order to verify your presence at the events, you will need to fill in networking activity form and return it back to me. The form will be posted on MyGateway.

### **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.