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| BWLOGO | INFSYS 2800 – Spring 2012  **INFORMATION SYSTEMS**  **CONCEPTS AND APPLICATIONS**  **Monday & Wednesday 9:30am to 10:45 A.M. - 003 Expr Scripts Hall** |

**Instructor:** Dr. Kailash Joshi

**Office location:** 207, Express Scripts Hall

**Mailbox location:** 210, Express Scripts Hall.

**Office hours:** Monday 11:00 am – 12:00 pm, and other times by appointment

**E-mail address: joshi@umsl.edu**

**Communications:** Please check your university email and announcements on MyGateway for periodic updates. Course documents and assignments will be posted on MyGateway with necessary instructions for completion and submission.

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 and other material as assigned in class

[*http://www.w3schools.com*](http://www.w3schools.com)

**Course Description**

*Prerequisites:* BA 1800 or satisfactory performance on proficiency exam.

The 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:

1. Challenges confronting the management of information systems
2. Analysis, design and implementation of information systems
3. Telecommunications and mobile computing
4. Web – Based application development
5. E-commerce
6. Legal, ethical, privacy, and security issues relating to information systems
7. Communication & networking skills
8. Emerging topics in information systems

**Grading Policy**

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| Homework Assignments | 20% |
| Project & Presentation | 20% |
| Exam – I | 25% |
| Exam – II | 25% |
| Attendance and Class Participation | 10% |
| Total: | 100% |

**Tentative Schedule**

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| **Approx. Week** | **Topic** | **Assigned Reading** |
| 01/18/2012 | Course Introduction |  |
| 01/23/2012 | Introduction to IS |  |
| 01/25/2012 | How businesses use Information Systems | IS C&A Chapter 2 |
| 01/30/2012 | *Introduction to HTML* | *http://www.w3schools.com (HTML only)* |
| 02/01/2012 | *HTML continued* |  |
| 02/06/2012 | *HTML continued* | *http://www.w3schools.com* |
| 02/08/2012 | Enterprise Applications | IS C&A Ch 9 |
| 02/13/2012 | Ethical and social issues in Information Systems | IS C&A Chapter 4 |
| 02/15/2012 | E-Commerce and the Digital Firm | IS C&A Chapter 10 |
| 02/20/2012 | *JavaScript* | ***HTML* assignment due** |
| 02/22/2012 | *JavaScript continued* |  |
| 02/27/2012 | *JavaScript continued* |  |
| 02/29/2012 | *JavaScript continued* |  |
| 03/05/2012 | *JavaScript continued* |  |
| 03/07/2012 | Securing Information Systems | IS C&A Chapter 8 |
| 03/12/2012 | HTML & **Exam - I Review** |  |
| **03/14/2012** | **EXAM - I** | **Chapters: 2, 4, 8, 9, 10 and**  **HTML (Tables are included)** |
| 03/19/2012 | *MIS Cases - Advanced Excel Functions* | *Milligan’s Backyard Storage Kits, Pgs. 1-5* |
| 03/21/2012 | *MIS Cases - Advanced Excel Functions* | *Piedmont Trailer Manufacturing Company, Pgs. 6-12*  ***JavaScript*****assignment due** |
| 03/26/12 | ***Spring Break – NO CLASS*** |  |
| 03/28/12 | ***Spring Break – NO CLASS*** |  |
| 04/02/2012 | IS Implementation | EI Model |
| 04/04/2012 | *MIS Cases - Database Applications* |  |
| 04/09/2012 | Building and Managing Systems | IS C&A Chapter 13 |
| 04/11/2012 | Building and Managing Systems | IS C&A Chapter 13 |
| 04/16/2012 | Databses and Information Management | IS C&A Chapter 6  ***Excel Assignment due*** |
| 04/18/2012 | Databases and Information Management (contd.) | IS C&A Chapter 6 |
| 04/23/2012 | **Exam – II Review** *Projects - in class work time* |  |
| 4/25/2012 | **Exam - II** | **Chapters: 6, 13**  **and Javascript portions covered in class** |
| 04/30/2012 | Project Presentations | ***Website*****project due** |
| 05/02/2012 | Project Presentations (Contd.) |  |

**Assignments and Projects**

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| **Assignments** | **Due Dates** |
| Assignment 1: HTML | 02/20/2012 |
| Assignment 2: JavaScript | 03/21/2012 |
| Assignment 3: Excel | 04/16/2012 |
| Website Projects | 04/30/2012 |

**Tutors for Assignments**

[**http://www.umsl.edu/~duncanmv/tutor.html**](http://www.umsl.edu/~duncanmv/tutor.html)

**Important Dates:**

**Jan 18, class begins 9:30 a.m.**

**March 14, Exam - I, 9:30 p.m. to 10:45 a.m.**

**April 25, Exam - II, 9:30 p.m. to 10:45 a.m.**

**Attendance and class participation**

Students are expected to attend all classes. Classes consist of lectures, in-class exercises, reviews, presentations and exams. If you have to be absent (illness, injury, etc.) be considerate and notify me as soon as possible.

Students are expected to be punctual. This is appropriate and professional. However, if you have a legitimate reason for being late or have to leave a class early, please inform me in advance.

**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. Please read assigned material **before** class and make every effort to participate in class discussions.

**Assignments**

All assignments with more than one page must be either stapled, or paper clipped. Papers which are folded over or corners torn to keep pages together are NOT acceptable. All assignments should also be typed, with double spaced 12 pitch type. Late assignments will be accepted up to a maximum TWO days. Late submissions will be assessed a penalty of 20% of the total points. No submissions will be accepted after the two day period.

**Exams**

Two exams will be given. Both exams may include multiple choice, true/false, essay type and objective questions and writing HTML and Javascript code using pen and paper. Dates for the exams are listed on the schedule page. Make-up exams are not offered except under exceptional circumstances. Please make whatever arrangements are necessary to ensure your attendance on those two days. Any conflicts with other exams should be reported to the instructor at least one week prior to the examination to qualify for an alternative test date.

**Policy Statements:**

University policy clearly defines the requirements for academic honesty and defines disciplinary actions to which a student may be subject to if these requirements are violated. All students are expected to respect their classmates, the instructor and the university. Civility is a basic requirement. Cell phones, pagers, personal digital assistants and MP3 players should not be used during class time. This syllabus may be revised at the discretion of the instructor without prior notification or consent of the student.