



**Department of Information Systems**  
**Course Outline**

<b>Course Number</b>	IS 602
<b>Title</b>	Management Information Systems
<b>Units</b>	3
<b>Prerequisites</b>	MBA standing required
<b>Course Classification</b>	Undergraduate upper division
<b>Course Coordinator</b>	Bob MacLean
<b>Terms Offered</b>	
<b>Prepared by</b>	Bob MacLean
<b>Date</b>	10/24/05

I. General Information

II. Catalog Description

This course covers topics of management information systems including: foundation and infrastructure of information technology applied to strengthen competitiveness; effective utilization of strategic information systems, telecommunications, system development process, database concepts, electronic commerce, etc. to enhance organizations' operations.

III. Course Goals and/or Objectives and /or Expected Student Learnings

<p><b>Content-specific:</b></p> <ul style="list-style-type: none"> <li>• Understand how technology is applied for competitive advantage, and to enhance other disciplines such as marketing, accounting, finance, and operations.</li> <li>• Learn to apply classical and contemporary strategy concepts to understand threats posed by and opportunities offered through the effective use of information systems.</li> <li>• Develop an advanced, managerial level competency in understanding various technologies and their effective uses.</li> </ul>
<p><b>Skill-specific:</b></p>



- Understand and discuss various strategic frameworks, systems and technologies as well as demonstrate an awareness of issues related to their effective use and implementation.
- Assess the current role of IS in an organization, identify areas for the strategic use of IS, and propose and pitch a new IS to meet organizational objectives and/or foster competitive advantage. You will have a recall-level awareness of several successful and failed attempts to use IS for competitive advantage so that in meetings you will be able to back up any assertions with concrete examples .

#### IV. Text

- **Management Information Systems: Managing the Digital Firm** by Laudon and Laudon  
**ISBN: 0-13-101498-6, eighth edition.**

#### V. Course Outline

- Information Systems
- E-Commerce
- Hardware
- Software
- Databases
- Networks
- Knowledge Management
- Artificial Intelligence
- Decision Support
- System Design
- IT Economics
- Security

#### VI. Methods of Presentation

Research projects will be conducted by teams. Each team will propose to the instructor a presentation and white paper concerning an aspect of information technology not covered in the text that the team is recommending to an organization

#### VII. Methods of Evaluation

Minimum of two tests in addition to final exam. Computer-based homework assignments and 2 cases study during the courses.

#### VIII. Bibliography



#### IX. Justification

This course complements the education of an IS student by providing learning experiences in statistical analysis and management science fundamentals as they support decision making processes throughout the organization, as recommended by 2003 AACSB accreditation standards.

#### X. Disabilities

Students with disabilities are responsible for notifying their instructor as early as possible of their needs for an accommodation of a verified disability. A student with a disability is urged to consult with Disabled Student Services as soon as possible in order to identify possible accommodations to enhance academic success.

#### XI. Other



**From the CSULB Policy Statement PS 04-05 (EFFECTIVE: Fall 2004)**

[http://www.csulb.edu/divisions/aa/grad\\_undergrad/senate/documents/policy/2004/05/](http://www.csulb.edu/divisions/aa/grad_undergrad/senate/documents/policy/2004/05/)

Information that must be included in the course syllabus:

- (a) instructor's name, office number, office telephone number and/or e-mail address, and office hours;
- (b) class term, meeting times, and location;
- (c) course goals and/or objectives and/or expected student learning outcomes;
- (d) required text(s) and/or materials and information on any course fee;
- (e) types and sequence of assignments and basis for assigning course grade;
- (f) how the instructor will interpret the University withdrawal policy in this class;
- (g) a statement of, or reference to where students may find attendance policies and provision for makeup of assignments when there is an excused absence;
- (h) a reminder that it is the student's responsibility to notify the instructor in advance of the need for accommodation of a university verified disability;
- (i) other information essential to the course, for example safety information, information about accessing online resources, information about assignments that must be accomplished at off-campus locations (e. g. field trips, service learning).

Instructors should also refer students to the "General Regulations and Procedures" in the Catalog. They are encouraged to discuss their interpretation of these General Regulations and Procedures, especially with regard to cheating and plagiarism. A model syllabus has been prepared by the Faculty Center for Professional Development and is available on the Center's website: <http://www.csulb.edu/centers/fcpd/>:

***The New Syllabus Policy***

*The Syllabus Policy has been approved by  
the Academic Senate.*

*Please click here to see it:*  
[\*syllabuspolicy-asam3-18-04-clean\*](#)

*The template to guide faculty in  
designing their syllabi is now  
available. Please click here to view it:*  
***Syllabus Template***

*A sample syllabus is also available.  
Please click here: ***Sample Syllabus****