

Sonoma State University
Course Syllabus and Outline

Business 319
Management Information Systems

Sonoma State University
Spring Semester 2008

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Course Resource Web Site: <http://www.sonoma.edu/users/h/hugherob/>

Alternate Course Resource Web Site: <http://home.earthlink.net/~clwallislink/sonoma.edu/bus319/>

Faculty Web Page: <http://www.sonoma.edu/users/h/hugherob/rhughes.html>

Office Location: S2058B, Office Hours – After each class for one hour.

Voice: 664-2160(recommended that email contact be used instead of voice mail)

Location:

Lecture Room: S2049 beginning February 1, 2008*

Lab: S2044 - beginning date and times to be determined

*Any student not present for first class session may be dropped from the course

Catalog Description:

Study of characteristics of computer-based information systems in organizations. Topics include MIS theory, concepts and issues; systems analysis and design; database design using the relational database model; data communications and LAN; and specific implementation in areas of manufacturing, accounting, finance, human resources and marketing. Prerequisite: computer competency.

Prerequisites

Courses: BUS 219, CIS 101, or appropriate transfer course.

Justification: **Computer competency** is the ability to use an Intel PC under the Windows operating system, and to proficiently use the software in Microsoft Office (Word, Excel, and PowerPoint), e-mail, simple text editor such as Notepad, Windows Utilities such as File Explore and basic Windows/DOS commands in a command line environment (directory listing, file copy, delete, move and other file operations, drive/directory switching, etc) and a web browser. BUS 319 strives to impart to students an understanding of information systems' structure, development, use, and importance to the survival of an organization. Students will be exposed to these concepts in lecture and thru the solution of applications exercises that require the abilities defined as computer competency.

Above prerequisite computer competencies are critical.

Course Objectives

After completing this course the students should be able to:

- Recognize the competitive and strategic significance of an information system to an organization in a case or actual business situation
- Describe the procedures for developing and managing an information system, so the system furthers the strategic, marketing, financial, or operational plans of an organization
- Appraise the need for collecting reliable data and using it to support their work group.
- Analyze a business situation to determine the information system needs and apply the systems development steps required to construct the solution.
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Required Texts

Stair, and Reynolds. Principles of Information Systems. Eighth Edition. Course Technology.

New Perspectives on Creating Web Pages with HTML, XHTML, and XML, Comprehensive, Second Edition.

Academic Integrity

Students are responsible for doing their own work, and academic dishonesty of any kind will not be tolerated.

Reading/Study Assignments

All assignments are subject to change. Supplemental Readings will be added as needs require. Material covered in lectures will contain a significant amount of content not contained in course texts or other written materials - which will be subject to inclusion in written exams.

Supplemental Reading Assignments may be made at the end of any lecture session. The reading assignments may include short written case discussion points that would be due the next class meeting in writing(paper/on disk/via email attachment as instructed) which would be in lieu of case study work at the following class meeting.

Computer Laboratory Assignments

Computer laboratory cases will be assigned and are to be completed in-class during the course of the semester (see tentative schedule). All students will copy their work to the Instructor DropBox Folder for Robert Hughes at the end each lab session where deliverable work assignments are made. **DO NOT** submit your work in the form of email attachments or any other form to the instructor. Late submissions of any lab work is not permitted regardless of the circumstances. Lab work may be discussed with other students in the lab, however all work must be generated by the student working without assistance. Student HTML or MS Access code partial or complete may not be shared or distributed under any circumstances other than to the Instructor DropBox Folder as noted above.

All Students are responsible for maintaining at least two full backups of all their lab work on their own diskette(s) or zip drive(s). Lost work will not be an excuse for any late or missed assignments.

HTML Lab Workbooks should be brought to each lab. Priority with regard to answering questions of students during lab sessions will be given to those who have actually worked through the Tutorial applicable to that session(in or out of lab). I may ask to see the tutorial work file(s) to review with the student to code examples relevant to their questions from their own tutorial work files. Reading the Tutorial is no substitute for actually working through the tutorial by building and working with the HTML files.

Below is a review is the naming conventions for HTML work files to be turned in to the dropbox prior to the end of the lab session when due.

First initial with first four letters of last name followed by letter 't' then number of tutorial and successive letter for associated lab assignment e.g. Extension will always be .htm for HTML tutorials. Student John Smith Tutorial Assignment Number 2 first lab assignment - jsmitt2a.htm

Lab assignment letters are provided in the lab session. If the lab assignment provides beginning HTML files then the files should renamed/saved with the naming convention noted above and any associated linked files will have to have internal hyper text linked files also renamed to match and new file names.

Use Notepad or any plain text editor for working with HTML files. EditPlus Shareware is available for download from the class website which provides intelligent color coding of HTML tags. If you have trouble finding errors use HTML validation services at the URL below...

<http://www.htmlhelp.com/tools/validator/upload.html>

Use of the HTML Validator at <http://www.w3c.org> is not recommended - it's now too picky with regard to doctype and associated meta tag information..

Remember that the HTML Workbook includes a CD which contains all graphic images and resources needed so that you can work at your own personal work station and have access to files needed for the assignments outside of the lab setting.

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Tentative Schedule	Course Introduction	
Week of Jan 28 th		
Week of Feb 4 rd	Chapter 1 An Introduction to Information Systems.	HTML Tutorial 1 – Web Page Creation Lecture and Demonstration
Week of Feb 11 th	Chapter 2 Information Systems in Organizations.	HTML Tutorial 1 Continued Lab Case assigned and due.
Week of Feb 18 th	Chapter 3 Hardware: Input, Processing, and Output Devices.	HTML Tutorial 2 – Hypertext links Lecture and Demonstration
Week of Feb 25 th	Chapter 4 Software: Systems and Application Software.	HTML Tutorial 2 Continued Lab Case assigned and due.
Week of March 3 rd	Chapter 4 - continued Software: Systems and Application Software.	HTML Tutorial 4 - Tables Lecture and Demonstration
Week of March 10 th	Chapter 5 Organizing Data and Information	HTML Tutorial 4 Continued Lab Case assigned and due.
Week of March 17 th	Chapter 5 – continued Organizing Data and Information	HTML Tutorial 3 – Web Page Design Lecture and Demonstration
Week of March 24 th	Midterm Examination	HTML Tutorial 3 Continued Lab Case assigned and due
Week of March 31 st	Chapter 6 Telecommunications and Networks.	MS Access/Oracle Database Lecture and Lab
Week of April 7 th	Spring Recess	
Week of April 14 th	Chapter 7 The Internet, Intranets, and Extranets..	MS Access/Oracle Database Lecture and Lab – continued Lab Case assigned and due
Week of April 21 st	Chapter 8 Electronic Commerce Information and Decision Support Systems	MS Access/Oracle Database Lecture and Lab – continued Lab Case assigned and due
Week of April 28 th	Chapter 10 Information and Decision Support Systems	MS Access/Oracle Database Lecture and Lab – continued Lab Case assigned and due
Week of May 5 th	Chapter 12 Systems Investigation and Analysis	MS Access/Oracle Database Lecture and Lab – continued
Week of May 12 th	Chapter 13 Systems Design, Implementation, Maintenance, and Review	MS Access/Oracle Database Lecture and Lab – continued Lab Case assigned and due
Check Academic Calendar for Final Exam Schedule - Week of May 19th		

Workload and Evaluation

Work load will be developed in line with standard university guidelines on expected hours per unit. Student evaluation will be handled through a combination of exams, papers, class participation, case and lab study assignment deliverables. Both the Midterm and Final Examinations will require answers in essay form to a choice of questions in addition to HTML,MS Access and XML Problems.

Attendance at all lecture and lab sessions is highly recommended. Any missed examinations or assignments cannot be made up later under almost all circumstances.

Grade will be determined based upon the evaluation components listed below.

It is recommended that all sessions are attended for the full session. **Late assignments not be accepted under any circumstances. Missed in-class assignments cannot be made up if absent.**

An optional Research/Term Paper Assignment is due at the end of the term – subject matter to be developed in consultation with the Instructor by the 3rd class meeting. **If a Research/Term Paper topic is not submitted and approved by the 3rd class meeting the option to choose the Research/Term Paper assignment expires.** If the Research/Term Paper Assignment is elected and approved by the 3rd class meeting the assignment becomes due as part of the deliverables for the student and failure to submit the Research/Term Paper results in zero credit for the assignment. **Students electing to perform the Research/Term Paper assignment may not rescind their choice after the 3rd class meeting.**

In-class Case Study and other In-Class Assignments - 15%
 Individual HTML, MS Access and XML Project Assignments - 20%
 Individual Research/Term Paper and Presentation – 20% (optional)
 Midterm - 20% (30% without Research/Term Paper)
 Final - 25% (35% without Research/Term Paper)

All students are responsible for bringing a Blue Book for use in the Midterm and Final Examinations.

Rights to modify revise this syllabus and document at any time without notice are reserved. The Instructor will be the sole interpreter of all content in this document and any questions should be referred directly to the Instructor by email or in-person.

Grade Determination

A (100.0% - 94%)	B+ (89.9% - 86.0%)	C+ (77.9% - 74.0%)	D+ (65.9% - 62.0%)	
	B (85.9% - 82.0%)	C (73.9% - 70.0%)	D (61.9% - 58.0%)	F (53.9% - 0.0%)
A- (93.9% - 90.0%)	B- (81.9% - 78.0%)	C- (69.9% - 66.0%)	D- (57.9% - 54.0%)	