SADDLEBACK COLLEGE  
BUSINESS SCIENCE DIVISION  
COURSE SYLLABUS

CIM 1 - INTRODUCTION TO COMPUTER INFORMATION SYSTEMS

Instructor: Rae Fisher  
Email: rfisher@saddleback.edu  
Room: Vil 13-1  
Semester: Spring 2008  
Ticket #: 22245, Tuesday, 7-10 p.m.

1/14/08 to 5/22/08

COURSE DESCRIPTION:
Basic computer concepts including computer system components, operating systems, application programs, databases, communication networks, business information systems development, ethical issues, and Internet usage. Emphasizes spreadsheets, entering data, using formulas, creating charts, formatting worksheets, using functions, what-if analysis, absolute vs. relative addresses, and linking worksheets. Focuses on database software; entering and editing data; defining fields; creating tables, forms, queries, and reports; and sorting data. Exposes students to word processing and presentation graphics software. May be offered by mediated mode of instruction.

COURSE OBJECTIVES:
Upon completion of this course, the student will be able to:

1. Define terms that are unique to the field of computers and information systems.
2. Describe the functions and uses of the hardware and software comprising a computer system.
3. Describe the Information Systems Development process.
4. Describe computer ethics, crime, and security.
5. Demonstrate the ability to interface with an operating system by:
   a. Loading two or more application programs into main memory, and switching from one application program to the other.
   b. Moving and re-sizing windows.
   c. Opening windows such as Date/Time, Printers, and Display, and performing such operations as changing the date and time, changing the assigned printer, and creating a screen saver.
   d. Creating folders and moving files from one folder to another.
   e. Copying, renaming, and deleting files.
6. Demonstrate the ability to utilize a word processing program by:
   a. Creating such documents as business letters and reports.
   b. Saving and printing copies of documents.
   c. Using a spell checker.
   d. Selecting, inserting, and deleting text and objects.
   e. Formatting text.
7. Demonstrate the ability to utilize a spreadsheet program by:
   a. Creating spreadsheets utilizing formulas to make calculations.
   b. Saving and printing spreadsheets.
   c. Loading existing spreadsheets, revising the data, and re-saving them as separate spreadsheets.
   d. Formatting spreadsheets.
   e. Using the AutoSum and AutoFill features.
   f. Creating Line Charts, Pie Charts, and Column Charts.
   g. Using the Hide and UnHide tools to Hide, and then UnHide, rows and columns.
   h. Using the Function feature to calculate such statistics as Sum, Average, Maximum, and Minimum for a range of values.
   i. Using the Copy-and-Paste feature to insert a spreadsheet and chart in a word processing document.
   j. Using the Embedding feature to link a spreadsheet and chart with a word processing document.
   k. Describing the difference between an Absolute vs Relative cell reference.
   l. Copying, pasting, inserting, and deleting data.
8. Demonstrate the ability to utilize a database management program by:
   a. Creating databases.
   b. Creating tables in databases.
   c. Designating Primary Key fields in tables.
   d. Saving and printing tables.
   e. Sorting data in tables.
   f. Creating forms.
   g. Creating queries.
   h. Creating compound queries.
   i. Creating reports.
   j. Creating mailing labels.
   k. Joining tables and querying joined tables.
9. Demonstrate the ability to utilize a presentation graphics program by:
   a. Creating slides containing text, charts, and images.
   b. Printing slides and handouts.
10. Demonstrate the ability to utilize the Internet by:
    a. Using a browser to open Web pages having known Uniform Resource Locators (URL’s).
    b. Using a search engine to locate web pages when no specific URL is known.
    c. Creating and sending e-mail.
11. Compile a portfolio of hands-on computer laboratory assignments.
12. Demonstrate the ability to locate, evaluate, synthesize, use and communicate information in its various formats.
STUDENT RESOURCES: TEXTBOOK PACKET (Saddleback College Bundle ISBN 1423943244):


One USB flash disk and a pencil.

POLICIES AND PROCEDURES:

Tests and Exercises: There will be five tests and a final. Written tests are multiple-choice and true-false. SCANTRON Test Form and a pencil must be used for all written tests. Late work will not be accepted.

Missed Tests: Make up tests are NOT given. If you need to miss a test, please make arrangements to take the test before it is given in class. There are no make up tests. Extra points can be earned by doing quizzes and extra credit work.

Attendance: Regular attendance is expected. Roll will be taken in each class meeting. You may be dropped from a course after 6 hours (two class meetings) of non-attendance. It is the responsibility of non-attending students to officially withdraw from classes; failure to do so will result in a course grade of F. Various handouts are distributed throughout the semester—should you be absent, contact your instructor or copy the work from the Blackboard site listed on the weekly schedule.

**LAST DATE for CR/NCR or DROP without a W grade is Thursday, February 21, 2008**
**LAST DATE for WITHDRAWAL with a W grade is Thursday, April 10, 2008**

**FINAL EXAMINATION is given on May 20th**

Computers to be used:

All assignments must be completed using a personal computer (IBM or compatible). Students may use the computers in the Information Management Center (IMC, Vill 4-5). The IMC hours are: 9:00 a.m. to 10:00 p.m. Monday and Thursday, 9:00 a.m. to 5:00 p.m. Friday, 8:00 a.m. to 5:00 p.m. Saturday.

When you registered for this course, you were required to enroll in a computer lab section. Please note that you may use the lab anytime it is open, and that you do not need to go to the lab until you have been given an assignment in class. No children, food and/or drinks (including water) are allowed in the classroom and the IMC lab. **THERE IS AN ANSWER KEY AVAILABLE AT THE IMC DESK. Check your papers for accuracy before turning them into your instructor.**

Computers at home or work may be used if the following software is available: Windows XP, Microsoft Office 2007, Internet Explorer 6.0 or higher. Lower versions of Windows operating systems can be used.

LAP on the lower level of the Library, Room Lib 114, (949) 582-4519, has Windows and Office software. They are open from 8 a.m. to 8 p.m. Monday through Thursday and 8 a.m. – 2 p.m. Friday. **The second floor of the Library has computers also and no library staff can answer questions.**

Computer Lab Assignments:

Several lab assignments are assigned for students to complete on a computer. Due dates are shown on the page 3. Assignments will be collected at the beginning of class. Printouts for each assignment must be STAPLED in order, and attached to a cover sheet that is properly filled-out. Assignments CANNOT be accepted in parts. They can be turned in early, but not late.

If you cannot attend class when an assignment is due, you may turn the assignment in EARLY to your instructor. **DO NOT TURN IN AN ASSIGNMENT IN THE IMC OR GIVE IT TO ANOTHER INSTRUCTOR!** Students are expected to do their own work—do not give copies of your files or printouts to other students or work in groups. Duplicate assignments are given 0 points for both students. *There are no make ups for missed test or assignments. Pop quizzes may be given. ALL STUDENTS ARE REQUIRED TO TAKE THE FINAL EXAM.*

Evaluation:

Your final grade in this course is based on 370 points in the following way:

- 13 Application Projects for Word, Excel, Access & PowerPoint—5 to 10 points each (110 points -10 = 100 points)
- Five Tests, four valued at 30 points and one for 40 points with a total value of 130 points (160 – 30 = 130 points)
- Drop the lowest score on one of the first 4 tests and the lowest score on an application project —40 points all total
- Final exam worth 40 points
- Practical Exams on Word, Excel 1-3—25 points each with a total value of 50 points. Practicals are only given in the IMC lab.
- Semester Individual Research Project worth 50 points—10 for the outline, 40 for the report
- Extra credit quizzes may be given. Quiz questions worth $\frac{1}{2}$ point each. Quizzes are given in class.

**Grading Scale for 370 Points:**

- A = 333, B = 296, C = 259, D = 222, F 221

Students taking the class for “Credit/No Credit” must earn 259 point to receive a Credit in the course.
SEMESTER PROJECT: (50 points—10 for the Outline and 40 for the Report)
Research on a computer technology issue that is given to students by the instructor and write a 4-7 page informational research paper showing two or more sides to the issue. Follow the Modern Language Association of America style (MLA). The report must show sources throughout the report as each side is presented, then create a conclusion and recommendations. At least 5 articles and other publications that are current, reputable, and useful must be included in the Works Cited section of the paper (1 interview, 2 Internet sites allowed). You must assess each source's reliability, accuracy, bias or contradiction in data prior to including it in your paper or the Works Cited.

TEST PREPARATION PRACTICE TESTS—OPTIONAL
http://www.scsite.com/dcf4e for Discovering Computers Fundamentals textbook (Register for class with code 11B7AOC2)
http://www.scsite.com/off2007 for Microsoft Office 2007 textbook (Click software name at the top then Learn It Online at the left.)

Homework projects are due at the beginning of class. Written test are given at the end of class. Practicals are due at 5 p.m. Saturdays.

<table>
<thead>
<tr>
<th>Date</th>
<th>What's Due</th>
<th>Discovering Computers Text Chapters done in Class</th>
<th>Microsoft Office Textbook Projects done in Class</th>
<th>Written Tests Practical Examinations</th>
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</thead>
<tbody>
<tr>
<td>1/15</td>
<td>Registration Overview of Course</td>
<td>Get acquainted with other students in the class.</td>
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<td></td>
<td>Cell numbers, Lab Hours Evaluate Home Computers</td>
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<tr>
<td>1/22</td>
<td>Website Registration</td>
<td>Chapter 1</td>
<td></td>
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<td>1/29</td>
<td></td>
<td>Chapter 7 Class worksheets</td>
<td>Windows XP</td>
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<td>2/5</td>
<td></td>
<td>Chapter 2</td>
<td>Word 1</td>
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<tr>
<td>2/12</td>
<td>Word 1</td>
<td>Chapter 3</td>
<td>Word 2</td>
<td>Test 1, Windows, Chapter 1, 7 Lab Closed</td>
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<tr>
<td>2/19</td>
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<td>Chapter 4</td>
<td>Excel 1</td>
<td></td>
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<tr>
<td>2/26</td>
<td>Word 2</td>
<td>Chapter 8</td>
<td>Excel 2</td>
<td>Do Word Practical—IMC 2/25 to 3/2</td>
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<tr>
<td>3/4</td>
<td>Excel 1 Word Practical due 3/2</td>
<td>Chapter 5 Review for Test 2</td>
<td>Excel 3</td>
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<tr>
<td>3/11</td>
<td>Excel 2</td>
<td>Chapter 6 Review for Test 3</td>
<td>Excel 4</td>
<td>Test 2, Word, Chapter 2, 3</td>
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<td>3/18</td>
<td>Spring Recess</td>
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<td>Lab closed</td>
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<tr>
<td>3/25</td>
<td>Excel 3</td>
<td>Research Projects</td>
<td>Excel 5</td>
<td>Test 3, Ex 1-3, Chapter 4, 8</td>
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<tr>
<td>4/1</td>
<td>Excel 4 and 5</td>
<td>Group Discussion of Special Projects</td>
<td>Excel 6</td>
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<tr>
<td>4/8</td>
<td>Excel 6</td>
<td>Chapter 9 Outlines Due</td>
<td>Access 1</td>
<td>Do Excel 1-3 Practical—IMC 4/7 to 4/13</td>
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<tr>
<td>4/15</td>
<td>Access 1 Excel Practical due 4/13</td>
<td>Review Outlines Due</td>
<td>Access 2</td>
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<td></td>
<td>Review for Test 4</td>
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<tr>
<td>4/22</td>
<td>Projects Due</td>
<td>Access 3</td>
<td>Test 4, Ex 4-5, Chapter 5, 6</td>
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<tr>
<td>4/29</td>
<td>Access 2</td>
<td>Return Projects</td>
<td>PPT 1</td>
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<td>Show new scores</td>
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<tr>
<td>5/6</td>
<td>Access 3</td>
<td>PPT 2</td>
<td>Test 5, Access, Chapter 9</td>
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<tr>
<td>5/13</td>
<td>PPT 1 &amp; 2</td>
<td>Get phone #s</td>
<td>Extra Credit PPT Presentations</td>
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<td>5/20</td>
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<td>Final</td>
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Your instructor reserves the right to change this schedule at any time during the semester. Announcements will be made during class hours.