College of Charleston  
School of Business  
DSCI 320-08: Management Information Systems  
Spring 2017

Professor Information
- **Name:** Dr. Chen-Huei Chou
- **Office:** BCTR 324 (Beatty Center)
- **Email:** chouc@cofc.edu (Please start with [DSCI 320-07] in the title field)
- **Phone:** 843-953-2278
- **Office Hours:** MW: 9:30am – 11:00am; 12:00pm – 1:00pm and by appointment

Class Time & Location
- **Time:** MWF 2:00 pm – 2:50 pm
- **Location:** TCFE 304

Course Description
Survey of transaction processing systems, management information systems, and decision support systems. Introduction of systems analysis concepts, and methodologies for information system design and development.

Prerequisites
Junior standing; ACCT 203, ACCT 204, DSCI 232, and MATH 104 or 250; Computer literacy.

Course Objectives
1. Introduce information systems concepts, terminology (e.g., TPS, MIS, DSS, EIS, databases), and provide an understanding of the differences between various types of computer-based information systems.
2. Review applications and models utilizing information systems solutions to business problems.
3. Study current trends in Information Technology (IT), including E-Commerce, the impact of IT on organizations, managers, and users, as well as ethical, social and legal issues.
4. Improve computer skills through individual assignments with spreadsheet, and other software.
5. Improve communication skills and teamwork through an information systems group project.
6. Provide a challenging course for upper-division business majors.

The School of Business Learning Goals:
At the completion of this course, the student should understand the following:

**Communication Skills**
Students will be introduced to contemporary information systems concepts, terminology (e.g., TPS, MIS, DSS, EIS, databases) and provided an understanding of the differences between various types of computer information systems. Students will also gain valuable experience writing and presenting group project on E-Commerce.
Quantitative Fluency
Students will gain experience and training on advanced functionality in Microsoft Excel to support information management and decision making. Students will also be trained on fundamental database concepts, implemented through Microsoft Access. Both of these software applications will then be used to solve structured and unstructured quantitative business problems.

Global and Civic Responsibility
Students will become aware of the current ethical issues associated with corporate use of information and technology, and common corporate policies that address these issues. In addition, students will learn about the role of enterprise IT architecture in managing distributed business processes across the global enterprise.

Intellectual Innovation and Creativity
After gaining training and exposure to database systems and decision support systems (Excel), both of these systems will then be used to solve structured and unstructured business problems. In addition, students will become aware of a variety of emerging technologies, and how companies are/should be leveraging these technologies for competitive advantage.

Synthesis
By combining IS and business principles, students will be gain experience integrating knowledge from complementary disciplines and applying this knowledge to the development, evaluation, and improvement of management information systems.

Textbooks & Materials
- The course PowerPoints, syllabus, and other class materials will be available on OAKS.

EVALUATION PROCEDURES
There will be two tests and two exams during the semester. Other graded items include in-class works, group project, group oral presentation, and a peer evaluation that will contribute to your overall grade.

Grading and Evaluation:

<table>
<thead>
<tr>
<th>Activities</th>
<th>Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>Excel Test</td>
<td>15</td>
</tr>
<tr>
<td>Access Test</td>
<td>15</td>
</tr>
<tr>
<td>Concept Exam 1</td>
<td>15</td>
</tr>
<tr>
<td>Concept Exam 2</td>
<td>15</td>
</tr>
<tr>
<td>Quizzes</td>
<td>4</td>
</tr>
<tr>
<td>Work In Class</td>
<td>12</td>
</tr>
<tr>
<td>Group Assignments</td>
<td>24</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>100</strong></td>
</tr>
</tbody>
</table>
Grade cutoff points are:

<table>
<thead>
<tr>
<th>Points</th>
<th>Letter Grade</th>
<th>Points</th>
<th>Letter Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>≥ 94</td>
<td>A</td>
<td>73-75.99</td>
<td>C</td>
</tr>
<tr>
<td>90-93.99</td>
<td>A-</td>
<td>70-72.99</td>
<td>C-</td>
</tr>
<tr>
<td>86-89.99</td>
<td>B+</td>
<td>66-69.99</td>
<td>D+</td>
</tr>
<tr>
<td>83-85.99</td>
<td>B</td>
<td>63-65.99</td>
<td>D</td>
</tr>
<tr>
<td>80-82.99</td>
<td>B-</td>
<td>60-62.99</td>
<td>D-</td>
</tr>
<tr>
<td>76-79.99</td>
<td>C+</td>
<td>&lt;60</td>
<td>F</td>
</tr>
</tbody>
</table>

I reserve the right to adjust the grading scale if needed.

- **Work In Class**
  - Due by **48 hours** when scheduled
  - Exercises will be leaded in class and instruction file will be given after the exercise

- **Group Assignments (24 points):**
  Early in the course each student will select/or be assigned to a group (3 students) to participate in during the entire semester. There will be 4 groups labeled A-D. Groups will be listed on the OAKS with their associated letter name. Each group will participate in four activities throughout the semester.
  - Group Subject Presentation (6 points) - the date is based on the subject scheduled
    - Each group can choose any topic related to a mutual subject below:
      - Ch. 9.1 Developing Enterprise Applications (February 8)
      - Ch. 4.2 Information Security (February 15)
      - Ch. 2.1 Decision Support Systems and Artificial Intelligence (March 3)
      - Ch. 8.1 Supply Chain Management (March 15)
      - Ch. 8.2 Customer Relationship Management (March 22)
      - Ch. 8.2 Enterprise Resource Planning (March 29)
    - The topic could be related to a product, application, technique or method used in the corresponding field, or trend of technologies. Your topic should be Information Technology/Information Systems oriented.
    - Your topic has to be approved at least 3 days before your scheduled presentation.
    - Your presentation file must be uploaded at least 24 hours before your presentation.
    - You have 25 minutes for the scheduled presentation. Your group needs to lead a short discussion or Q&A at the end.
  - Group Project Write-up (7 points) / Implementation (5 points) - Due **April 21**
  - Group Project Oral Presentation (6 points) –**April 21** (A, B), and **April 24** (C, D)

- **Peer Evaluation (for weighting purpose):**
  Group members will also be given the opportunity to evaluate their team members and provide feedback on each team member’s performance. The peer evaluation form is due at the end of class on **April 24** and will be used to weight the team assignments. Peer evaluations will only be shared with the instructor and are designed to ensure that everyone who is pulling their own weight in the project is adequately rewarded. The weighting will be based on the average scores provided by your team members.
POLICIES AND PROCEDURES

OAKS and MyCharleston Usage:
Grades will be posted on OAKS and MyCharleston. It is the student’s responsibility to ensure that all grades entered are correct. If I have made a mistake, the student has two weeks from when the assignment/exam was handed back to notify me of the mistake. Failure to notify me within this time frame will result in the recorded grade becoming permanent.

SNAP Students/Special Accommodations/Athletes:
Students needing special accommodations should see the professor within the first week of class. If there is a student in this class who has a documented disability and has been approved to receive accommodations through the Center for Disability Services/SNAP (Students Needing Access Parity), please come and discuss this with me during my office hours. SNAP Student should bring the envelope to the professor at least three days before the scheduled exam. No extended time will be given if valid documentation is not received before the exam.

Attendance:
Students are expected to attend all classes, hand in all work by the due date and take examinations at the times and dates announced.

Exam/Quiz Policy:
Turn off cell phones and any audible devices during exams. Exams are closed book and to be taken as scheduled. No makeup exams will be given except for documented emergencies. Exams cannot be made up except by prior arrangement with the instructor, at least 7 days before the scheduled exam date. Such a request must be made in person (not by email), and must include written documentation of need. In case of emergency please contact the professor via e-mail or office phone by the end of the exam/quiz.

Classroom Conduct:
Please turn off cell phones and any audible devices during class. Please do not hold private conversations during class. It is distracting to both the professor and to your fellow students. Internet will be given when necessary.

Use of the lab computers is prohibited during class, unless instructed by the professor. Each of the lab computers is equipped with activity monitoring software, which links your computer (screen and all) to professor's at the front of the class. The professor will use this software to monitor lab computer usage and the professor reserve the right to publicly display any lab computer’s screen at anytime to the rest of the class. The professor also reserves the right to take control over any lab computer using this software at any time during class.

Questions and Problems:
You are encouraged to ask questions during class and office hours, we all want to hear your ideas and opinions.

College of Charleston Honor Code and Academic Integrity:
Lying, cheating, attempted cheating, and plagiarism are violations of our Honor Code that, when identified, are investigated. Each incident will be examined to determine the degree of deception involved.
Incidents where the instructor determines the student’s actions are related more to a misunderstanding will be handled by the instructor. A written intervention designed to help prevent the student from repeating the error will be given to the student. The intervention, submitted by form and signed both by the instructor and the student, will be forwarded to the Dean of Students and placed in the student’s file.

Cases of suspected academic dishonesty will be reported directly by the instructor and/or others having knowledge of the incident to the Dean of Students. A student found responsible by the Honor Board for academic dishonesty will receive a XXF in the course, indicating failure of the course due to academic dishonesty. This grade will appear on the student’s transcript for two years after which the student may petition for the XX to be expunged. The F is permanent. The student may also be placed on disciplinary probation, suspended (temporary removal) or expelled (permanent removal) from the College by the Honor Board.

Students should be aware that unauthorized collaboration—working together without permission—is a form of cheating. Unless the instructor specifies that students can work together on an assignment, quiz and/or test, no collaboration during the completion of the assignment is permitted. Other forms of cheating include possessing or using an unauthorized study aid (which could include accessing information via a cell phone or computer), copying from others’ exams, fabricating data, and giving unauthorized assistance.

Research conducted and/or papers written for other classes cannot be used in whole or in part for any assignment in this class without obtaining prior permission from the instructor.

Students can find the complete Honor Code and all related processes in the Student Handbook at http://studentaffairs.cofc.edu/honor-system/studenthandbook/index.php

**Tentative Schedule of Topics:**
Below is a schedule of topics. Please note that the schedule may vary if needed. You will find the most updated schedule in OAKS.

<table>
<thead>
<tr>
<th>Week</th>
<th>Date</th>
<th>Day</th>
<th>Topic</th>
<th>Text Chapters</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Jan 11</td>
<td>W</td>
<td>Introduction</td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>Jan 13</td>
<td>F</td>
<td>Infrastructures: Sustainable Technologies Software and Hardware</td>
<td>Ch. 5 Appendix A</td>
</tr>
<tr>
<td>2</td>
<td>Jan 16</td>
<td>M</td>
<td>Martin Luther King, Jr. Holiday (No Class)</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>Jan 18</td>
<td>W</td>
<td>(WIC1:PowerPoint)</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>Jan 20</td>
<td>F</td>
<td>(WIC1:PowerPoint) Infrastructures: Sustainable Technologies Software and Hardware</td>
<td>Ch. 5 Appendix A</td>
</tr>
<tr>
<td>3</td>
<td>Jan 23</td>
<td>M</td>
<td>(WIC2:Excel 1)</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>Jan 25</td>
<td>W</td>
<td>(WIC2:Excel 1) Infrastructures: Sustainable Technologies Software and Hardware</td>
<td>Ch. 5 Appendix A</td>
</tr>
<tr>
<td>3</td>
<td>Jan 27</td>
<td>F</td>
<td>Infrastructures: Sustainable Technologies Software and Hardware</td>
<td>Ch. 5 Appendix A</td>
</tr>
<tr>
<td>Date</td>
<td>Day</td>
<td>Time</td>
<td>Course (Week)</td>
<td>Topic/Notes</td>
</tr>
<tr>
<td>-------</td>
<td>------</td>
<td>-------</td>
<td>--------------</td>
<td>-------------</td>
</tr>
<tr>
<td>Jan 30</td>
<td>M</td>
<td>(WIC3:Excel 2)</td>
<td>Infrastructures: Sustainable Technologies Software and Hardware</td>
<td>Ch. 5 Appendix A</td>
</tr>
<tr>
<td>Feb 1</td>
<td>W</td>
<td>(WIC3:Excel 2)</td>
<td>Networks: Mobile Business Networks and Telecommunications</td>
<td>Ch. 7 Appendix B</td>
</tr>
<tr>
<td>Feb 3</td>
<td>F</td>
<td>(WIC4:Excel 3)</td>
<td>Subject Presentation: Ch. 9.1 Developing Enterprise Applications Networks: Mobile Business Networks and Telecommunications</td>
<td>Ch. 9.1</td>
</tr>
<tr>
<td>Feb 6</td>
<td>M</td>
<td>(WIC4:Excel 3)</td>
<td>Subject Presentation: Ch. 4.2 Information Security Networks: Mobile Business Networks and Telecommunications</td>
<td>Ch. 4.2 Appendix B</td>
</tr>
<tr>
<td>Feb 8</td>
<td>W</td>
<td>(WIC5:Web Design 1)</td>
<td>Excel Test (15 points)</td>
<td>Excel 1-3 Tech Plug-in 2-4</td>
</tr>
<tr>
<td>Feb 10</td>
<td>F</td>
<td>(WIC5:Web Design 1)</td>
<td>Concept Exam 1 (15 points)</td>
<td>Ch. 9.1, 4.2, 5, 7 Appendix A, B</td>
</tr>
<tr>
<td>Feb 13</td>
<td>M</td>
<td>(WIC7:Web Design 3 and Google Analytics)</td>
<td>Subject Presentation: Ch. 2.1 Decision Support Systems and Artificial Intelligence Data: Business Intelligence Designing Databases</td>
<td>Ch. 2.1 Appendix C</td>
</tr>
<tr>
<td>Feb 15</td>
<td>W</td>
<td>(WIC7:Web Design 3 and Google Analytics)</td>
<td>Data: Business Intelligence Designing Databases</td>
<td>Ch. 6 Appendix C</td>
</tr>
<tr>
<td>Mar 1</td>
<td>W</td>
<td>(WIC8:Access 1)</td>
<td>Subject Presentation: Ch. 8.1 Supply Chain Management Data: Business Intelligence Designing Databases</td>
<td>Ch. 8.1 Appendix C</td>
</tr>
<tr>
<td>Mar 3</td>
<td>F</td>
<td>(WIC8:Access 1)</td>
<td>Data: Business Intelligence Designing Databases</td>
<td>Ch. 6 Appendix C</td>
</tr>
<tr>
<td>Mar 6</td>
<td>M</td>
<td>Spring Break (No Class)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Mar 8</td>
<td>W</td>
<td>Spring Break (No Class)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Mar 10</td>
<td>F</td>
<td>Spring Break (No Class)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Mar 13</td>
<td>M</td>
<td>(WIC8:Access 1)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Mar 15</td>
<td>W</td>
<td>(WIC8:Access 1)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Mar 17</td>
<td>F</td>
<td>(WIC8:Access 1)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Date</td>
<td>Day</td>
<td>Time</td>
<td>Event Description</td>
<td></td>
</tr>
<tr>
<td>------------</td>
<td>-----</td>
<td>-------</td>
<td>-----------------------------------------------------------------------------------</td>
<td></td>
</tr>
<tr>
<td>Mar 20</td>
<td>M</td>
<td>(WIC9:Access 2)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Mar 22</td>
<td>W</td>
<td>(WIC9:Access 2)</td>
<td>Subject Presentation: Ch. 8.2 Customer Relationship Management</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Data: Business Intelligence</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Designing Databases</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Ch. 6</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Appendix C</td>
<td></td>
</tr>
</tbody>
</table>

**March 23: Last day to withdraw from classes with a grade of "W"**

<table>
<thead>
<tr>
<th>Date</th>
<th>Day</th>
<th>Time</th>
<th>Event Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mar 24</td>
<td>F</td>
<td></td>
<td>Data: Business Intelligence</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Designing Databases</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Ch. 6</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Appendix C</td>
</tr>
<tr>
<td>Mar 27</td>
<td>M</td>
<td>(WIC10:Access 3)</td>
<td></td>
</tr>
<tr>
<td>Mar 29</td>
<td>W</td>
<td>(WIC10:Access 3)</td>
<td>Subject Presentation: Ch. 8.2 Enterprise Resource Planning</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>E-Business</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Ch. 3</td>
</tr>
<tr>
<td>Mar 31</td>
<td>F</td>
<td></td>
<td>E-Business</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Ch. 3</td>
</tr>
<tr>
<td>Apr 3</td>
<td>M</td>
<td>(WIC11:Data Mining 1)</td>
<td></td>
</tr>
<tr>
<td>Apr 5</td>
<td>W</td>
<td>(WIC11:Data Mining 1)</td>
<td>E-Business</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Ch. 3</td>
</tr>
<tr>
<td>Apr 7</td>
<td>F</td>
<td></td>
<td>Access Test (15 points)</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Access 1-3</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Tech Plug-in 5-8</td>
</tr>
<tr>
<td>Apr 10</td>
<td>M</td>
<td>(WIC12:Data Mining 2)</td>
<td></td>
</tr>
<tr>
<td>Apr 12</td>
<td>W</td>
<td>(WIC12:Data Mining 2)</td>
<td></td>
</tr>
<tr>
<td>Apr 14</td>
<td>F</td>
<td></td>
<td>E-Business</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Ch. 3</td>
</tr>
<tr>
<td>Apr 17</td>
<td>M</td>
<td></td>
<td>E-Business</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Ch. 3</td>
</tr>
<tr>
<td>Apr 19</td>
<td>W</td>
<td></td>
<td>Review and Project Q&amp;A</td>
</tr>
<tr>
<td>Apr 21</td>
<td>F</td>
<td></td>
<td>Group Project Presentations (Team A and B)</td>
</tr>
<tr>
<td>Apr 24</td>
<td>M</td>
<td></td>
<td>Group Project Presentations (Team C and D)</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Peer Evaluation</td>
</tr>
<tr>
<td>Apr 26</td>
<td>W</td>
<td></td>
<td>Concept Exam 2 (15 points)</td>
</tr>
</tbody>
</table>

* The professor reserves the right to do any necessary change to this schedule.