ACCT 5242 - Strategic Information Systems  
Expanded Course Outline  
Spring 2011

Instructor: Dr. Ron Colley  
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The policy of the University of West Georgia is that each student is responsible for checking his/her my.westga.edu e-mail account on a regular basis.

I. **Catalog Description:**

A study of the identification and modeling of business processes and analysis and design of accounting information systems for business processes.

II. **Required Background or Experience:**

A. Prerequisites: ACCT 4241

B. Prerequisite Justification:

This course builds on the course material from ACCT 4241

C. General Education (Core) Curriculum:

This course uses the critical thinking and analysis abilities developed in the Core Area IV courses of ACCT 2101 and ACCT 2102. The knowledge gained in Core Area IV courses in ACCT 2101, ACCT 2102 and CISM 2201 is also used.

III. **Expected Outcomes:** ([www.westga.edu/~accfin/outcomes.htm](http://www.westga.edu/~accfin/outcomes.htm))

A. Understand the analysis and modeling of business processes. LG4

B. Development of database skills. LG4

C. Display critical thinking and analysis abilities through examinations and case analysis. LG4

D. Understand accounting information systems designs which support business processes through the use of databases which are used to develop financial statements. LG4
IV. **Text and References:**

Course Packet (distributed in class).


V. **Special or Unique Student Materials:**

The suggested storage medium is a USB port drive.

Scantron forms--882E or 882ES.

VI. **Special or Unique University Facilities:**

The course is held in a computer classroom.

VII. **Expanded Description of the Course and Instructional Method:**

A. **Expanded Description of the Course:**

The course focuses on modeling business processes in a business event-driven system. A parallel objective of the course is to gain an understanding of database management systems. Accordingly, the use of Microsoft Access is also emphasized.

B. **Instructional Methods:**

1) **Class Discussion, Instruction, and Active Learning**

Class discussion, instruction, and active learning approaches are utilized.

2) **Problem Solving and Computer Applications**

The assigned problems should be solved to enhance understanding of the concepts discussed in class. The computer applications are included to develop an understanding of database management systems.

3) **Database Project**

The database project will involve the development and presentation of financial statements through the application of structured query language to a database.
VIII. **Methods of Evaluating Outcomes:**

A. **Evaluation Tools:**

<table>
<thead>
<tr>
<th>Component</th>
<th>Percentage</th>
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<tbody>
<tr>
<td>Exam 1</td>
<td>30%</td>
</tr>
<tr>
<td>Exam 2</td>
<td>20%</td>
</tr>
<tr>
<td>Quizzes</td>
<td>35%</td>
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<tr>
<td>Database Project</td>
<td>15%</td>
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<tr>
<td><strong>Total</strong></td>
<td><strong>100%</strong></td>
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There is no extra credit in this course. Work submitted for credit in other courses will not count for credit in this course.

B. **Attendance:**

Class attendance is important because of the computer applications done in class. There are no points for attendance. However, attendance will be taken and may be considered for borderline grades at the end of the semester.

C. **Schedule Changes:**

The schedule provided should be considered a general guideline. At various times during the semester, we may vary from the printed schedule. Occasionally, assignments may be deleted, added or modified. Anyone absent from class is responsible for finding out about schedule changes. A summary of what was done in each class will be posted on the class website.

D. **Academic Dishonesty:**

Academic dishonesty may result in dismissal from the class with a grade of “F.”

IX. **Schedule**

<table>
<thead>
<tr>
<th>DATE</th>
<th>CLASS DISCUSSION</th>
<th>ASSIGNMENTS</th>
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<tbody>
<tr>
<td>Jan 05</td>
<td>Introduction; Modeling Business Processes; Use of Excel for this course;</td>
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<tr>
<td></td>
<td>Ch. 6 Case 6 Al’s Furniture – draw ER diagram</td>
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<tr>
<td>Jan 12</td>
<td><strong>Practice Quiz;</strong> Michelle’s Collectibles - Part b</td>
<td>Pages OFF 1 to OFF 32</td>
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<td></td>
<td>(omit cardinalities); Michelle’s Collectibles - Part d (omit cardinalities);</td>
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<tr>
<td>Jan 19</td>
<td><strong>Tutorial 1 Quiz;</strong> Tom’s Trailer Sales</td>
<td>Tutorial 1</td>
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<td>Jan 26</td>
<td><strong>Tutorial 2 Quiz;</strong> Cardinalities</td>
<td>Tutorial 2</td>
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<tr>
<td>DATE</td>
<td>CLASS DISCUSSION</td>
<td>ASSIGNMENTS</td>
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<tr>
<td>Feb 02</td>
<td><strong>Tutorial 3 Quiz;</strong> Systems Analysis and Design of a Business Event-Driven System; Michelle’s Collectibles with cardinalities.</td>
<td>Tutorial 3</td>
</tr>
<tr>
<td>Feb 09</td>
<td><strong>Tutorial 4 Quiz;</strong> Systems Analysis and Design of a Business Event-Driven System - Continue with Michelle’s Collectibles; Finish Exam 1 Material; Discuss Exam 1</td>
<td>Tutorial 4</td>
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<tr>
<td>Feb 16</td>
<td>Begin Case 1</td>
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<tr>
<td>Feb 23</td>
<td><strong>Exam 1</strong></td>
<td>Prepare for Exam 1</td>
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<tr>
<td>Mar 02</td>
<td>Last day to withdraw with a grade of <strong>W</strong></td>
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<tr>
<td>Mar 02</td>
<td>Case 1</td>
<td>Case 1</td>
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<tr>
<td>Mar 09</td>
<td><strong>Spring Break</strong></td>
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<tr>
<td>Mar 16</td>
<td>Case 1</td>
<td>Case 1</td>
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<td>Mar 23</td>
<td>Case 2</td>
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<td>Mar 30</td>
<td>Case 2</td>
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<td>Apr 06</td>
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<td>Case 3</td>
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<td>Apr 13</td>
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<td>Case 3</td>
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<td>Apr 20</td>
<td>Case 3</td>
<td>Case 3</td>
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<tr>
<td>May 05</td>
<td><strong>Exam 2: 8 p.m.</strong></td>
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