**Accounting 420: Database Management for Accountants Winter 2011**

**Section A Room DEN 216; T & Th; 1:30 – 3:20 pm**

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Instructor: Larry L. DuCharme, Ph.D. Office: M-259

Office hours: Tue. & Thur. 3:30 – 4:30 pm; and by mutual arrangement.

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TEXTS:

[AIS] Accounting Information Systems [2009] (11th ed.) by Romney and Steinbart, Prentice Hall.

[BAS2007] Building Accounting Systems Using Access2007(7th ed.), Perry and Newmark, South-Western.

[CONCEPTS] The Concepts of Database Management (2008, 6th ed.), Pratt and Adamski, Course Technology Products.



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| DATE | TOPIC | | | | |
|  |  | **AIS** | **BAS2007** | **CONCEPTS** | |
| 01/04 T  01/06 Th | Introduction to Course  Review of Data Processing-- | Ch. 2 | Ch. 1 & 3  Ch. 2 up to pg. 73 | Ch. 1 | |
| 01/11 T  01/13 Th | Normalization & Cardinality  Database Design & REA | Pg. 117, 572  Ch. 4 & 15 | Pgs. 73 – 79  Pg. 83 - 85 | Ch. 5  Ch. 6 | |
| 01/18 T  01/20 Th | Database Design & REA  Query-by-example & SQL | Ch. 4 & 15  pp. 117 - 123 | Ch. 7  Ch. 4 | Ch. 6  Ch. 2 | |
| 01/25 T  01/27 Th | Query-by-example & SQL  Query-by-example & SQL | pp. 117 - 123 | Ch. 4 | | Ch.s 3& 4  Appendix C &D |
| 02/01 T  02/03 Th | Forms & Reports  **Midterm Exam.** | Project due @ 4:30 | Ch. 5 & 6 | |  |
| 02/08 T  02/10 Th | Revenue Cycle  Revenue Cycle (continued) | Ch. 17  pp. 622 - 627 | Ch. 8  *Quiz 1* | |  |
| 02/15 T  02/17 Th | Expenditure Cycle  Expenditure Cycle (continued) | Ch. 17  pp. 627 - 631 | Ch. 9  *Quiz 2* | |  |
| 02/22 T  02/24 Th | Finance Cycle  Network /Computer Security | Ch. 7  Security paper due | Ch. 11 | | pp. 238 – 243  254 – 258 |
| 03/01 T  03/03 Th | Database Functions.  Database Admin./Mgmt. |  | *Quiz 3* | | Ch. 7  Ch. 8 & 9 |
| 03/08 T  03/10 Th | Database Admin./Mgmt.  Database Admin./Mgmt. | Cloud Computing  paper due |  | | Ch. 8 & 9  Ch. 8 & 9 |



FINAL EXAM.: Friday, March 18, 2011, 2:30-4:20 pm.

Course materials: Texts are available in the bookstore

(You should have the AIS text from Acctg. 320)

Class notes are available on my web site.

Frequently check my web page for messages/updates: http://faculty.washington.edu/lducharm/classes420.htm

**Course Overview**

Computer-based information systems have dramatically changed the role of accountants in organizations. In order to pursue successful careers in accounting, students need knowledge and skills in the area of databases and electronic communication. Accountants must participate in the design and operation of information systems. This course will help the student develop a basic understanding of the theory and practice of relational database management systems. By the end of the course, students will be proficient with Microsoft Access and be able to design, populate, and manipulate relational databases.

**Course Grade**

Your final grade will be based on: 5 assignments (2-short papers & 3 quizzes), a project, and 2 exams.

There are 350 points available for the course. The point break down is as follows:

pts. % of total

Assignments (5) 100 29%

Project (1) 50 14%

Exams. (2) 200 57%

350 100%

There will be two exams (100 points each). You may bring a double-sided 8.5” by 11” sheet of notes to the exams. All notes must be hand written or off of your computer (no photocopying allowed). The exams will cover the assigned problems, text readings, and lecture material.

Your grade for the course will be determined by the total points that you accumulate during the quarter. No make-up exams will be given. If you are unable to take an exam because of a preapproved legitimate reason, the average score received on all other work will replace the missed exam.

**Class Procedures (turn off all cell phones before class)**

In class, I will go over some in-class examples, ask you questions, answer questions, and lecture on related material. We will go over most of the key issues in the text. However, it is impossible (in class) to cover all of the important issues contained in the text. Therefore, it is absolutely essential that you:

1. study the assigned reading and solve the assigned problems before coming to class, and

2. come to class ready to discuss the assigned material.

It is very important that you read the BAS2007 chapters and use companion website material to do the chapter exercises. BAS2007 chapter 1 should have been covered in IS300, so do exercises 1.1 – 1.21 as you consider necessary.

Be sure that you can do the chapter exercises covered in chapter 1 and 3!

It is your responsibility to do your homework assignments. From past experience, I have found that if you do not do your homework, your chance of earning a good grade is reduced.

Please form a study group. This will help you to excel in your school work and subsequent business life/career.

“Procrastination is like a credit card: it’s a lot of fun until you get the bill.”—Christopher Parker

Good luck--Larry

*ver.: Jan. 2011*