

## 2011 Syllabus

### **CIS 254: DB PROCEDURES/FUNCTIONS Section S - 5 Credits** Summer 2011

Students learn to create functions using procedural programming languages, store functions, and call functions. Includes creating, using, modifying stored procedures and functions within a RDBMS. Students learn control structures of a database programming language. Prerequisite: CIS 251 with a minimum grade of 3.0.

### **Course Meeting and Location**

Meets: Online - Via Blackboard

### **Instructor Information**

Instructor Marti Baker  
Email mbaker@email.edcc.edu  
Phone 425 640 1766 (better to contact me by email, I will not be in the office this summer)  
Office Hours None during Summer Quarter

### **Required Text and Supplies:**

Title: Introduction to SQL - Fourth Edition  
Author(s): Rick F. van der Lans  
Publisher: Addison-Wesley  
ISBN: 03213059655

### **Course Objectives and Outcomes:**

Upon successful completion of this course, students will be able to:

- Explain and use data manipulation language (DML) within procedures and functions.
- Make use of save points and roll back within procedural programming.
- Use of conditional control within procedures and functions (if statements).
- Create exceptions and errors within DML.
- Handle errors and exceptions within procedural programming.
- Understand the use of and create iterative control structures within procedural

programming (loops).

- Move through record sets by using cursors.
- Create record sets through the use of SQL and procedural programming.
- Create user defined exception-handlers.
- Develop and use stored procedures.
- Develop and use stored functions.
- Explain the advantages to using packages.
- Use the advanced features of stored procedural programming.
- Use triggers or event handlers within procedural programming.

## **Course Policies:**

### Academic Honesty

Cheating will not be tolerated. Grades on assignments, quizzes or tests will be adjusted as warranted. Students who are suspected to have cheated will have a private talk with me and/or the division director. During or after this discussion we may make a suitable adjustment, if circumstances seem to warrant it. The following list is a sample of items that I consider to be cheating, but is not a complete list:

- Any assignment OR test which is copied in whole or in part from another person.
- Plagiarism (please be sure that you know what this means).
- Using corrected exams to study for late test taking.
- Use of past test to study for test taking.

### Attendance

Because this is an online course, your "class participation" is your Discussion Board contributions. Generally there is a topic to be discussed each week of the course. The topics covered in this course can be difficult and require your attention and diligence. You should check in on the course at **least 3 times** a week, to be sure that you don't miss any important announcements or information. 10% of your grade is based upon your participation within this course. Blackboard does provide statistical views that allow instructors to see how many times you have been to the course, and exactly which areas and pages you have viewed.

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## **Grading:**

Grade Table:

Grade Points:						Letter Grades:			
4.0	95		2.9	84		1.8	73	A	4.0 - 3.9
3.9	94		2.8	83		1.7	72	A-	3.8 - 3.5
3.8	93		2.7	82		1.6	71	B+	3.4 - 3.2
3.7	92		2.6	81		1.5	70	B	3.1 - 2.9
3.6	91		2.5	80		1.4	69	B-	2.8 - 2.5
3.5	90		2.4	79		1.4	68	C+	2.4 - 2.2
3.4	89		2.3	78		1.4	67	C	2.1 - 1.9
3.3	88		2.2	77		1.3	66	C-	1.8 - 1.5
3.2	87		2.1	76		1.2	65	D+	1.4 - 1.2
3.1	86		2.0	75		1.1	64	D	1.1 - 0.9
3.0	85		1.9	74		1.0	63	D-	0.8 - 0.7

Grading Structure

Your grade will be calculated on a mixture of total points available and weighted according to the following:

- Class participation (both in class and through the Discussion Board) 33%
- Assignments 33%
- Tests & Quizzes 33%
- Extra Credit (If given) up to 1%

Approximate points available within each area

Class participation:	8 weekly discussion boards 10 points each	80
Projects / Assignments:	4 Projects - Approximately 50 points each	200
Tests and quizzes	2 quizzes - Approximately 40 points each	80
	2 tests - Approximately 75 points each	150

Projects, assignments, tests and quizzes:

In this class you will be providing evidence of your knowledge through completion of projects or assignments, quizzes and tests. Without completing this body of evidence it is impossible to assign you a grade for the quarter. Therefore, with the exception of the final project/assignment, assignments are due as stated on the course calendar. Assignments received late will be marked

50% off after the due date as stated. You will have 48 hours to complete late work, if the work is not completed within 48 hours, the project/assignment will not be accepted. The final project will not be accepted late. No assignments will be accepted after the last class meeting of the quarter.

No make-up tests or quizzes will be given unless pre-arranged. Pre-arranged is defined as: notifying the instructor of your inability to take the test or quiz before the scheduled time of the test or quiz.

**Other Grading Policies**

Policy on V and I grades (if applicable), including college definitions:

**I** - The incomplete is given at the discretion of the instructor only when the student has done satisfactory work but could not, for some unavoidable reason, complete some part of the coursework or take the final examination. The student and instructor prepare and sign an "Incomplete Grade Contract" (located in division offices) specifying the work to be completed. The contract will include the date by which all work must be submitted and the grade that will be submitted if the work is not completed. Incompletes given prior to Fall Quarter of 1990 will be assigned letter grades.

**V** - An instructor-initiated withdrawal. The final grade issued if an instructor initiates a class withdrawal before the end of the quarter, often in consultation with the student, or if a student enrolls in a class but never attends or stops attending class. A faculty member is under no obligation to grant an instructor-initiated withdrawal.

**Final Exam Schedule:**

Final Exam Due Date                      5:30 P.M. August 26th 2011

**Other Important Information:**

Students with Disabilities            If you require an accommodation for a disability, please contact Services for Students with Disabilities at MLT 159, 425.640.1320, [ssdmail@edcc.edu](mailto:ssdmail@edcc.edu)

Online Courses:            Successful completion of student responsibilities in this class requires access to BlackBoard via an Internet browser. You are expected to login to the BlackBoard classroom at least 3 times per week. Instructions for access to BlackBoard may be located online at [www.edcc.edu](http://www.edcc.edu) and clicking on [My EdCC](#)