CIS 253 – Application Development	5 Credits	Spring 2011

Course Information:

Course Description: **An introduction to application development using MS-Access. Includes development of tables, forms, queries, reports, macros, and menus needed to support the application. This course is a prerequisite for CIS 234. Prerequisite: CIS 250 and CS 115 (was CMPSC 115) or concurrent enrollment in both, with minimum grades of 3.0 or equivalent.**

Location: Snohomish (SNH) 124

Meeting Time: On-ground sessions: Thursdays 6:00 to 8:40 p.m

Instructor: Marti Baker

Telephone number: 425 640 1766 (but email me, it's much faster!)

email: mbaker@email.edcc.edu

Office Location: Alderwood Hall 213 (I hold my office hours in Snohomish Hall 124)

Office Hours: Tuesday 3:00 P.M. to 5:30 P.M.
Thursday 3:00 P.M. to 5:30 P.M.

Required Textbook: **MICROSOFT ACCESS 2010: COMPREHENSIVE**
Joseph J. Adamski
Thompson/Course Technology, Copyright 2008
ISBN: 9780538798471

Supplies: A portable thumb/jump drive for backup of your files & transferring from home to school (some assignments will be submitted in BlackBoard). Microsoft Access 2010 (can be obtained from Misty Cline, CIS Program Assistant). EMAIL mcline@edcc.edu with a copy of your schedule to get into the MSDNAA system (DO NOT call/contact her in person)

Course Objectives:

Course objectives are based on nationally recognized industry skill standards as published by the NWCET (Northwest Center for Emerging Technologies). Upon successful completion of this course, students should be able to:

- Learn the fundamental principles of application design
- Learn to use MS Access to build a STUDENT designed application.
- Learn how Access integrates with enterprise systems
- Given a database design and a few pre-built entities, students will learn to build the following components of an Access application:

- Tables to store data
- Forms and sub-forms for data entry into tables
- Reports that display data in appropriate groups and formatting
- Queries that assemble data from several tables for use with forms & reports
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- HTML Documents created from custom queries & exported to the Web
- Modules and Event Procedures with VBA code to accomplish specific tasks
- Menus for easy access to the various parts of the application

Course Deliverables:

Course deliverables are intended to:
- provide hands-on practice.
- encourage you to seek related knowledge on your own.
- assess your understanding of the concepts covered in this course.

The following are some ground-rules regarding deliverables:
- Late Deliverables: submitting work on schedule is an employable skill and deserves consideration in the overall assessment as a student as well. There is no grace period for late deliverables, and they will be accepted only at the beginning of the next class period after the original due date. 50% will be deducted from the total assigned points for deliverables received after the due date. Also, I cannot guarantee that you will receive instructor comments or feedback on any deliverable received late.
- Case Problems: 12 case problems associated to the tutorials will be assigned over the course of the quarter to be completed before coming to class. 3 case problems will be turned in during the quarter; one for each level within your text. Each of the builds upon the earlier tutorial, so you must complete all of the assigned case problems in order to be successful in the one that is to be turned in.
- Lab Exercise: There is one lab exercise for the quarter that involves upgrading an Access database into a SQL server environment and connecting Access ta SQL Server Database. Students will work in pairs and the team grade will apply to both students.
- Practice quizzes: The week before the quiz, you will be allowed to take a practice quiz. These practice quizzes are built from the same questions that the actual quizzes are built from. You may take each of these quizzes 3 times. The deadline for the last time to take the practice quizzes is 1:00 p.m. the day of each final quiz. At 1:00 p.m. the practice quiz will disappear.
- Quizzes: There will be three on-line quizzes during the quarter. These three quizzes will be taken in class. You must be present on those class days. If you are not able to make the class, you must contact me **before** the scheduled quiz time (see the class schedule). There will NOT be a final exam. NO MAKE-UP QUIZZES WILL BE GIVEN!
- Final Project: due on Tuesday, June 14th, 2011 (last day classes are being held Spring quarter). Project specifications will be provided at a later date. **LATE FINAL PROJECTS WILL NOT BE ACCEPTED**.

Assignments And Grading:

Grading will be weighted based on total points earned for each assignment (listed below) and calculated as a percentage of the total possible points. These are added to total up to 100%. Your total % earned out of all possible points would equate to grade on the grading table that follows.

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

Policy on Cheating:

I will not tolerate cheating. 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 dean. 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.

Americans with Disablilities Act (ADA):

If you require an accommodation for a disability, please contact Services for Students with Disabilities at MLT 159, 425-640-1320, ssdmail@edcc.edu. As well, please let me know if there is anything that I can do to help you be successful in this course.

Hybrid Course enhanced by Blackboard:

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 the following address: http://online.edcc.edu/study/Bb_login.html

Toll-free technical support (24/7) 1-866-886-4854

Online support (24/7) at http://blackboard.edcc.edu (Click on the Help button located on the top of the page)