

Instructor: Dr. Emilia E. Buckalew

Office: 14-204

Phone: 756-2158

email: ebuckale @ calpoly.edu

Office hours: MWF 1-2 and TR 1:30-2:30, or by appointment

Course Description:

Basic principles of database management systems (DBMS) and of DBMS application development. DBMS objectives, systems architecture, database models with emphasis on Entity-Relationship and Relational models, data definition and manipulation languages, the Structured Query Language (SQL), database design, application development tools. 3 lectures, 1 laboratory.

Prerequisite Courses: CSC/CPE 103 and Math 248.

Textbook:

Database Systems: The Complete Book. H. Garcia-Molina, J.D. Ullman, J. Widom, 2009, 2nd Edition, Prentice Hall.

OR, you can replace it with this book:

A First Course in Database Systems , J.D. Ullman, J. Widom, 2007, 3rd Edition, Prentice Hall. (The latter book comprises the first half of the former. It is sufficient for the CSC 365 purposes. However, "The Complete Book" is also our textbook for other database courses).

Class Schedule

We will have a Common Final exam, on Monday Dec 4 7:10-10:00 p.m.

Section 01-02: MWF 8:10-9:00 (186-C303); 9:10-10:00 (14-301)

Section 03-04: TR 9:40-11:00 (186-C300); 12:10-1:30 (14-301)

Course Assessment Methods

Lab assignments, written homework, two midterm exams, final exam, classroom participation. On all exams, you may have one 8½" x 11" sheet of **handwritten** notes (front and back). You may write as small as you like. The final exam will be comprehensive.

Grading (tentative):

Participation: 5%

Lab assignments: 20%

Homework: 5%

Midterm 1: 20%

Midterm 2: 20%

Final: 30%

The exam grades are curved (if class average is below 75). This allows me to follow in good conscience the usual letter grade assignment:

90%-100% - A- or better

80%-90% - B- or better

70%-80% - C- or better

60%-70% - D

< 60% - F

Course Policies

Exams

Unless arrangements have been made with me **in advance**, ***I do not give make-up exams***. Giving make-up exams requires developing a whole new exam, and the best questions are used up on the first version. Therefore, it is best to take the original test.

Class Attendance

Your attendance in class is very important to me (and you). Regular class attendance improves your chances of doing well in the class. Excessive absences will result in little sympathy for poor results in the class. To encourage regular class attendance, I will drop your lowest lab grade *if* you miss no more than two lectures. A roll sheet will be circulated each lecture. Please arrange to have a classmate pick up a set of materials handed out in class, if any, during your absences, if any.

Assignments

There will be a lab assignment each week. Each lab is designed to reinforce the topics presented in class during the week. The entire assignment is due on the Monday of the following week. It is to your advantage to work on the lab in our laboratory immediately after each lecture when I can answer questions in person.

I do not accept late assignments.

Academic Honesty

Cheating consists of turning work which is substantially someone else's or helping someone else to do so. If you think something may be cheating, it probably is. You may discuss course material with fellow students, but you must do your own work.

I really hate dealing with plagiarism cases, but unfortunately it's a growing problem that can diminish the value of your degree from Cal Poly. If students who can't write code can pass classes and graduate with the same degree that you do, that makes your mastery of computer science topics suspect.

In many cheating cases there is difficulty identifying which program is the copy. **You are responsible for protecting your own source code from copying.** You must protect your password, not allow anyone else to use your accounts, protect your PC account at your residence, and even destroy printouts which others may use. Both parties in a cheating case bear responsibility, and **both will receive an F in the course.** (You should also be aware that if you copy code from a Web site and turn it in as your own, others in the class may also turn it in and I will see the multiple versions.)

Laptops and phones in class: Being engrossed in the contents of a screen rather than class can be distracting for you, for me, and for your fellow students. If you prefer utilizing your equipment over paying attention in class, please step (quietly!) out into the hall to do so. Please silence any electronic equipment during class/lab times.