1 Instructor

Professor: Dr. Shu-Ching Chen
Office: ECS 362, (305)348-3480
E-mail: chens@cs.fiu.edu
Room and Time: ECS 141, Monday/Wednesday/Friday 10:00 a.m. – 10:50 a.m.

2 Office Hours

Monday/Wednesday 11:00 a.m. – 13:00 p.m.
Friday 14:00 p.m. – 15:00 p.m.
Other times by prior appointment (please call or send e-mail)

3 Objective

After the students successfully finish this course, they should have a better understanding on different aspects of database management. They should also be familiar with database concepts, ER model, relational model, SQL, and normalization.

4 Textbook


5 Topics

- Database and Database Users
- Database System Concepts and Architecture
- Entity-Relationship (ER) Model
- The Relational Data Model and Relational Database Constraints
- The Relational Algebra and Relational Calculus
- Structure Query Language (SQL)
- Functional Dependencies and Normalization for Relational Databases

6 Grading Policy

- Midterm Examination 30%
- Final Examination 35%
- Assignments: 35%
7 Lab

The students will use the Advanced undergraduate Lab housed in ECS-241. Most of the programming will be done using Microsoft Access.

8 Notes

- University drop date: October 16, 2009.
- No late homeworks will be accepted, and no make-up for the mid-term and final exam will be given.
- Each student should complete his/her assignments independently
- Students should attend all the classes.
- Academic misconduct will not be tolerated by the University, nor will it be tolerated in the classroom.
- On November 28, 2001, Student Government Council voted to endorse a Code of Academic Integrity:

  “Florida International University is a community dedicated to generating and imparting knowledge through excellent teaching and research, the rigorous and respectful exchange of ideas, and community service. All students should respect the right of others to have an equitable opportunity to learn and honestly to demonstrate the quality of their learning. Therefore, all students are expected to adhere to a standard of academic conduct, which demonstrates respect for themselves, their fellow students, and the educational mission of the University. All students are deemed by the University to understand that if they are found responsible for academic misconduct, they will be subject to the Academic Misconduct procedures and sanctions, as outlined in the Student Handbook.”