Florida International University  
School of Computing and Information Sciences  
Database Management  
COP 4710-RVC  
Fall 2017

1 Instructor
Professor: Dr. Shu-Ching Chen
Office: ECS 345, (305)348-3480
E-mail: chens@cs.fiu.edu
Office Hours:
• Tuesday: 2PM – 4:30PM
• Thursday: 2PM – 4:30PM
• Other times by prior appointment (please call or send e-mail)

2 Teaching Assistant
Haiman Tian
Office: ECS 257, (305)348-6885
E-mail: htian005@cs.fiu.edu
Office Hours: Tuesday: 2PM – 4:30PM, Thursday: 2PM - 4:30PM

3 Class Web Site, Time and Room
• Course Web site: http://www.cs.fiu.edu/~chens/courses/cop4710/2017/Fall/cop4710.html
• Time: Tuesday/Thursday

4 Midterm Examination
• Date: October 20, 2017 (Friday)
• Time: 12:30PM - 2:00PM
• Room: ECS 141

5 Final Examination
• Date: December 4 (Monday)
• Time: 12PM - 2PM
• Room: ECS 141

6 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.
7 Textbook


8 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)
- Stored Procedure
- Functional Dependencies and Normalization for Relational Databases

9 Grading Policy

- Midterm Examination 30%
- Final Examination 35%
- Assignments (homeworks and programming project) 35%

10 Submit Assignments

Students should submit their assignments to Moodle: https://moodle.cis.fiu.edu/

11 Lab

The students will use the Advanced undergraduate Labs housed in ECS-241 and ECS-237. Most of the programming will be done using PostgreSQL.

12 Notes

- University drop date: October 30, 2017.
- No late homeworks will be accepted, and no make-up for the midterm and final examinations will be given.
- Both the midterm and final examinations will be taken on campus. Those who are unable to attend may schedule an off-campus proctored exam with Proctor. Please notify the professor at least three weeks ahead of time so that he may arrange accommodations.
- Each student should complete his/her homework and project assignments independently.
- All students should turn in the assignments at the beginning of the on-campus class on the due date.
- In-class Students should attend all the classes.
• FEEDS/Online students should watch all the lecture videos.

• 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.”