Syllabus

Applied Database Systems, CSRU 2400-01
Department of Computer and Information Sciences
Fordham University
Spring 2005

Description of Course:

This course will introduce basic database concepts and explore database application development by using Microsoft Access.

Instructor:

- Dr. Gary Weiss
- **Office:** JMH 303
- **Phone:** 718-817-4495
- **Email:** gweiss@cis.fordham.edu

- **Office Hours:** Monday, Thursday 11:00-11:30, 1:30-2:30, or by appointment

Objectives:

To develop familiarity with database concepts and be able to interact with existing databases..

Textbook:

Database Processing: Fundamentals, Design and Implementation, by David M. Kroenke

Course Outline:

Chapter 1: Introduction to Database Processing
Chapter 2: Entity-Relationship Data Modeling: Tools and Techniques
Chapter 3: Entity-Relationship Data Modeling: Process and Examples
Chapter 4: The Relational Model and Normalization
Chapter 5: Database Design
Chapter 6: Introduction to Structured Query Language
Chapter 7: Using SQL in Applications
Advanced Topics

Class Participation:

Class participation is an essential part of this class. Students are expected to complete the assigned readings by the specified class date and are expected to actively participate in classroom discussions.

Homework Assignments:

Homework assignments are an important part of the class, and should be completed on time. Late assignments will be penalized. Homework assignments include problem sets as well as project-based assignments. Much of the homework in this class will relate to a single, course-long, project which involves designing and implementing a course registration system.

Grading:

The percentages given below are guidelines for both the student and instructor and may be changed as needed to reflect circumstances in the course.

Homework/Projects	50%
Class Participation	10%
Midterm Exam	15%
Final Exam	25%

Blackboard:

This course will make extensive use of blackboard and all assignments can be found there.

Academic Honesty:

All work produce in this course should be your own unless I specifically specify otherwise. Violations of this policy will be handled in accordance with university policy. In situations where collaboration is permitted or required you should be careful to cite any individual who provided assistance and is not already credited on the work.