CS 2910
File and Database Management

Prerequisites: CS 2010

Instructor: Angel Nikolov

Office: C402 539-2071

Text: Elmasri and Navanthe, Fundamentals of Database Systems, Addison
Wesley, 3rd Ed, 2000 (Required)

Folk and Zoellick, File Structures, 2nd Ed, Addison-Wesley, 1992 (on
reserve in Library)

Evaluation:

Assignments and Quizzes	35%	
Midterm Exam	30%	
Final Exam	35%	

Assignment Policy:

All assignments must be turned in—late or not—in order for you to
receive a passing grade. Late assignments will be accepted but will be
penalized by 25%. To pass this course you must achieve an average of
50% on all exams.

Course Description:

The course includes basic concepts of file and database management.
Topics will include: computer hardware, physical and logical data
organization and access methods as they pertain to file systems, file I/O,
hashing, data modeling, data normalization, and data definition and
manipulation languages including SQL. The Oracle™ DBMS will be used
for much of the laboratory component.

Course Format:

This course is three lecture hours and three lab hours per week.

using ActiveX controls, creating and using class modules, RAD of user interface, data access options and implementations, working with DAO and ADO , using Data Environment Designer to build forms, using Data Report Designer to develop reports, deployment and distribution.

Course Format:

This course is three lecture hours and three lab hours per week.