

CS 2910

File and Database Management

Prerequisites: CS 2010

Instructor: Angel Nikolov

Office: C402 539-2071

Text: Elmasri and Navathe, 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	40%
	Midterm Exam	25%
	Final Exam	35%

Assignment Policy:

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

Penalties for late assignments:

24 hrs delay: 10%

one week delay: 20

More than one week delay: 40%

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 OracleTM DBMS will be used for much of the laboratory component.

Course Format:

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