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# CS 2910

## File and Database Management

Prerequisites: CS 2010

Instructor: David Gregg

SEP 06 2000

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Text: Elmasri and Navathe, Fundamentals of Database Systems, Addison Wesley, 3<sup>rd</sup> Ed, 2000 (Required)

Folk and Zoellick, File Structures, 2<sup>nd</sup> 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. Late assignments will be accepted but will be penalized by 30%. 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.