

Course: MS-483 Database Management Systems (Sec. 001)

Time & Loc: Tues: 12:00pm – 1:50pm in R-300
Lab: Thrs. 12:00pm – 1:50pm in R-300

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Office: R-305

Hours: Mon thru Thr: 10:00am – 10:50am;
Mon, Wed: 3:00pm – 3:50pm, and by appointment
Fri 9:00am – 9:50am

Phone: 277-7194

Text: *Database Processing: Fundamentals, Design & Implementation*, 10th edition, by David M. Kroenke, Ph.D., Prentice Hall, 2006

Goals: An introduction to the elements of database management systems (DBMS) is presented in this course. Several database models are covered (Hierarchical, Network, and Relational), with the Relational database model emphasized as the most important of the three. Entity relationship diagrams are used to illustrate the concepts of data modeling and database design. Schemas and normalization are also covered in their relationship to design. Relational algebra is used as a basis for the understanding of the industry standard Structured Query Language (SQL). Transactions and concurrent database processing are also covered. (prereq: MS-382; as it is one course in computer programming).

Grading:*

Assignments (i.e. “labs”)	40%
In-class quizzes (Thrs)	30%
Final (week 11)	30%

* No incomplete grades will be given without very extenuating circumstances.

Attendance: Attendance may be taken at each lecture. Exam and Quiz material will come from both the textbook and classroom discussions.

Class Sharing: You are encouraged to share information found in newspapers, books, periodicals, on the web, etc. related to the topics in this course. You can even go as far as to show another student your work. However, you are not to give your work to other students. If you use content from another source, you must reference that source in your work. Any attempt to pass off someone else’s work as your own is plagiarism and is subject to academic discipline.

Late Policy: Assignments are due at the beginning of the class period that was designated as their due date. A 10% penalty will be assessed for each day an assignment is late.