

MSI 520 - Database Management Using Access
University at Albany
State University at New York
Fall 2001

Instructor Information

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 Office Hours: MW 1:30 - 3:30pm or by appointment

Class Information

Time: W 5:30 – 8:30 PM
 Room: BA 233 / CETL Digital Workshop 2
 Dates: August 27 - October 5
 Credit(s): 1
 Available Labs: MIS Lab, LC4

Course Overview

This is an introductory course in databases which teaches the basic principles of relational database theory and use of query languages. The students learn to write queries in SQL and design a simple database from scratch using Microsoft Access. The course discusses the basic database design principles as well as the rationale for using different forms of normalization.

Text Books & Software

Text: Philip J. Pratt, Joseph J. Adamski, Concepts of Database Management, 3rd Edition.
 Text: Adamski, Hommel & Finnigan, Introductory Microsoft Access 2000, (New Perspective Series)
 Reference: Steven Roman, Access Database: Design & Programming, 2nd Edition

Grading

Homework: 20%
 Class Participation: 10%
 Project: 30%
 Final Exam: 40%

Course Schedule (Evening MBA)

Lec.	Date	Room	Topics	Readings	Assignments
1	8/27	BA 233	Introduction to Databases, Relational Database Design, ER Diagrams	Pratt Chapter 1,2	Pratt Problems
		CETL DW 2	Introduction to MS Access	Access Manual - 1	
2	9/5	BA 233	Database Normalization	Pratt Chapters - 5,6	HW #2
		CETL DW 2	Maintaining a Database	Access Manual - 2	
3	9/12	BA 233	Relational Algebra & SQL	Pratt Chapters - 2,3	HW #3
		CETL DW 2	Querying a Database	Access Manual - 3	
4	9/19	BA 233	Database System Architecture,	Pratt Chapters - 4,7	HW #4
		CETL DW 2	Creating Forms and Reports	Access Manual - 4	
5	10/3	BA 233	Advanced Topics, Questions	Pratt Chapters - 8,9	
		BA 233	Exam (Topics covered in Lectures 1-4)		