

CS 258 Database Management Systems Spring 2005

Instructor: Mr. Husain Ghooloom (*hg_cs_cbs_paaet@yahoo.com*)

Time: Sun Tus 8 - 9:30 am

Office Hours: by appointment

Text: Fundamentals of Database Systems (Elmasri / Navathe, Latest Edition)

Grading Policy:

1	Midterm Exam	25 %
	Quizes / Homeworks	10 %
	Attandance	5 %
	Team Project	10 %

Final Exam 50 %

Grading Scale:

90 - 100	A		
85 - 89	B+	80 - 84	B
75 - 79	C+	70 - 74	C
65 - 69	D+	60 - 64	D
0 - 59	F		

Objectives

As the course progresses, you will:

- understand the role and nature of relational database management systems (RDBMS), in today's IT environment;
- translate business requirements into conceptual entity-relationship data models;
- convert conceptual data models into relational database schemas using the SQL Data Definition Language (DDL);
- query and manipulate databases using the SQL Data Manipulation Language (DML); and
- become familiar with One popular Open Source database systems: MySQL.
- Have General understanding of Database Backup and Securiry.

Policies

Attendance and Participation

- You are expected to attend every class . Class Discussion is very essential however, there are no marks deducted for failure to participate in class discussion. Of course, it is unlikely that you will master the material without effort.

Dishonesty

- Cheating of any kind is a serious offense and all parties will receive a mark of 0.

COURSE OUTLINE

- Databases and Database Users
- Database System Concepts and Architecture
- Data Modeling Using the Entity-Relationship Model
- Database Design
- MySQL As SQL Relational Database Language
- Database Normalization.
- Database Backup.
- Database Security.
- XML (If Time Permitts)