

Course Syllabus

Course Information

Course title	Databases
Course code	MIS 213
Course description	Management of organizations' data needs: Emphasis is on the management and implementation issues pertinent in a business information systems environment. Topics include data access methods; relational database management systems; query languages; database design and performance; data administration; and, data dictionaries.
Meeting time	Sat, Mon, Wed, 1-2pm.
Prerequisite(s)	MIS 201-Management Information Systems

Instructor Information

Name	Yasser Sabri
Office location	116
Office hours	As posted at the office

Recommended Resources for Course

1. Carlos Coronel, Steven Morris, and Peter Rob. (2010). "Database Principles: Fundamentals of Design, Implementation, and Management." Ninth Edition, Course Technology, Cengage Learning.

Course Goals

- Build the basics on which the rest of students' database knowledge and IS education in general will be based.
- Make the students proficient with use, design, and implementation concepts and techniques of database management systems.
- Familiarize them with the most prominent database tools used in the industry today to manage information within companies.

Exams and Quizzes:

- Quizzes will generally be announced the previous class. A few quizzes may be surprise quizzes to test assigned reading for that day.
- The exams may contain multiple choice, short answer, and problem-based questions. You will be expected to synthesize responses from lectures, cases, and terminology discussed in class for the exam.

Exams

First Exam:	Monday	8 October 2012
Second Exam:	Monday	26 November 2012
Assignment Deadline:	Saturday	15 December 2012

Course Requirements

Grading will be based on a scale from A+ to F. The grading policy is based on university-wide grading system. Please refer to Student Handbook or approach me to get the table of grading system. Points less than 60% will be awarded a fail grade in the course.

The course requirements include:

- **Two Major Exams (20% each)**
- **Assignment and classroom participation (20%)**
- **Final (40%)**

Course Outline

The following is our tentative schedule for the semester. The Instructor reserves the right to modify course schedule and/or procedures in the event of circumstances beyond her control.

- Database Systems Principles
- Data models and data modelling

- The Relational Database Model
- Entity Relationship (ER) Modelling
- Normalization of Database Tables
- Introduction to Structured Query Language (SQL)

General Policies

- Students are responsible for attaining notes/handouts distributed in class and checking the Learning Management System for updates.
- Start homework early. Late homework will not be accepted. System crashes within 48 hours of homework due date are not valid excuses for late homework.
- If you require special consideration due to disabilities, please provide adequate documentation per university policy.
- Late arrivals and early departures from the classroom are not permitted.
- If you do not show up for classes, your class participation points will be affected. It is your responsibility to get all information provided during lectures that you missed from your classmates. Missing class is not an excuse for retaking quizzes, missing homework deadlines, or misunderstanding lesson changes announced in class.
- All submitted course requirements must be your own work. Check details regarding academic integrity and honesty.
- Getting help from others on individual assignments, getting help on group assignments from individuals other than your group members, and referring to assignments or exams from the previous semester are all unethical behavior. It is important to produce all assignments in your own words.
- Copying material verbatim from the web or books is plagiarism. Always cite the source for ideas taken from others' work.
- A grade of F could be awarded in the course for unethical behavior on any part of one course requirement.

DBMS Books (Reference reading):

1. Database Systems: A Practical Approach to Design, Implementation and Management, by T. Connolly and C. Begg.
2. Fundamentals of Database Systems, Ramez Elsmari, Shamkant Navathe, International Edition, 3rd Edition.
3. SQL Instant Reference, Martin Gruber, Sybex, 2nd Edition, 2000.

ملاحظات هامة جدا:

- في حال تعذر عقد الاختبار في موعده لكل الطلاب، في حال منح إجازة مثلا في يوم الاختبار بسبب سوء الأحوال الجوية، يعقد الاختبار في موعد المحاضرة التالي مباشرة لموعد الاختبار.
- الطالب الذي لم يؤد أي من الاختبارين الفصليين لا يعقد له امتحان بديل إلا في حال وجود عذر قهري مقبول من أستاذ المادة وموقع عليه من رئيس القسم. في حال قبول العذر، وهذا نادرا ما يحدث، يعقد الامتحان البديل في الاسبوع الأخير من الفصل الدراسي وفي المقرر كاملا، ولذا ينصح بعدم تخلف أي طالب عن أداء الاختبارات الفصلية.
- تشجيعا للطلاب المتزمين، يمنح كل طالب حضر الاختبارين الفصليين وسلم التكليف في موعده درجات إضافية للالتزام.
- يحرم الطلاب المتجاوزين لنسبة الغياب المنصوص عليها في اللائحة (25%) من دخول الامتحان النهائي.