جامعة الملك سعود

كلية الدراسات التطبيقية وخدمة المجتمع

الفصل الدراسي الثاني 1441 / 1442هـ خطة مقرر 1313 تقن

**CT1313 Database Design**

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| **أستاذة المقرر** | **أوقات المحاضرات** | **الساعات المكتبية** | **المكتب** | **البريد الإلكتروني** | **الموقع الإلكتروني** |
| ساره الشعلان |  الأحد 11-1الإثنين 8 – 10 |  | مبنى 26مكتب2- الدور الأرضي | saalshalan@ksu.edu.sa | http://fac.ksu.edu.sa/saalshalan |

**Reference**:

• Handouts & lecture notes

• Text Book: SQL: A Beginner's Guide”, by Robert Sheldon R. Elmasri and S. B. Navathe.

 Fundamentals of Database system.

 Database Systems Concepts, Silberschatz, Korth, Sudarshan, 5TH edition Mc Graw Hill.

 **Course Description:**

This course is an overview of database systems, at the end of course, student should be able to use one type of database management systems, have necessary background for designing and implementing databases of moderate complexity, implement a relational database schema using SQL, write queries in relational database.

 **List of Topics:**

* Relational Algebra
* SQL Creating and Managing Tables
* Including Constraints
* Displaying Data from Multiple Tables
* Writing Basic SQL Select Statements
* Restricting and Sorting Data

 **Grading Policy:**

* First Mid 15% - 7th week Sunday
* Second Mid 15% - 10th week Sunday
* Two Quizzes 10% - 6th week and 9th week, respectively Sunday
* Lab Work 10% - weekly
* Final Lab 10% - 14th week
* Final Exam 40%

**Class Rules:**

* Please check the instructor’s website for course material and announcements.
* Attendance is very important if you miss class more than 25% you will be forbidden to enter the final exam
* If you’re late you may attend but you will be considered absent.
* If you miss one of the major exams, you will be not excused unless the instructor accepts your formal medical report.
* Lab work requires your attendance. It is not a group work therefore you need to study before the lab time to be able to finish the required assignments. Please keep a flash memory with you to save your work.
* Your solutions to the weekly sheet should be **printed** and not hand-typed. If it is more than one page it should be **stapled**. Keep your sheets neat and tidy.
* You should also hand your programs in a **CD** attached to the sheet (i.e. you print the code **and** hand it in a CD).
* Both your sheet and CD should be **labeled** with these information:
	+ Name
	+ ID
	+ Sheet number
	+ Course name
	+ Section
* This course requires constant studying. If you have any questions, please do not hesitate to contact me.
* Copied assignment will be marked by zero.
* Late assignment will not be accepted.