

Birzeit University
 Computer Science Department
 Comp333-Quiz#1

Student Name: _____ Student No. _____

The manager of a company wish to create a database for the company that runs training courses. For this, we must store data about the trainees (متدربين) and the instructors. For each course participant(المشاركين) (about 5,000), identified by a code, we want to store her/his social security number, surname, age, sex, place of birth, employer's name(الشخص العمل الموظف أي صاحب العمل), address and telephone number, previous employers (and periods employed), the courses attended (there are about 200 courses) and the final assessment(grade) for each course.

Each course has a code and a title and any course can be given any number of times. Each time a particular course is given, we will call it an 'edition' of the course. For each edition, we represent the start date, the end date, and the number of participants(المشاركين). If a trainee is self-employed, we need to know her/his area of expertise (مجال التخصص), and, if appropriate(من المناسب), her/his title(المنصب).

For somebody who works for a company, we store the level (الدرجة) and position (المنصب) held.

For each instructor (about 300), we will show the surname, age, place of birth, the edition of the course taught, those taught in the past, all the instructors' telephone numbers are also stored.

Draw an ERD for the above system.

