**Course Bookings: Entity Relationship Modelling**

* From the narrative below, identify entities and attributes for course bookings. This can be done by identifying the nouns and action verbs that might suggest possible candidates for business entities, attributes and relationships.
* After these business objects are identified, design an ERD (entity/relationship diagram) for the business. Use appropriate methodology.

**Narrative between a consultant and an owner of a training company**

**Owner:** We require a database that tracks student bookings for the courses that we offer. Each course that takes place is taught by only one instructor, although an instructor can teach more than one type of course.

**Consultant**: What kind of information do you want to retain in this new database?

**Owner**: Well, for the instructor we require his/her first & last name and the name of the courses he/she will teach. We also need some sort of description of the course together with the maximum and minimum number of students that can attend a course.

**Consultant**: Anything else?

**Owner**: Oh yes! Additionally, we wish to track the number of bookings for each course and the dates that the course will run. We also want to show the hotel that the course will be held in.

**Consultant**: By the dates do you mean the start and stop dates?

**Owner**: Yes.

**Consultant**: Is there any other information that you wish to save inside this database?

**Owner**: One final item. We wish to save information about the student such as his/her name, the company that they work for and the contact telephone number for the student.

**Hints**:

Keep the following relationships in mind...

1) A student can take one or more courses.

2) A course (usually!) involves multiple students.

3) An instructor teaches one or more courses.

4) A course can only be taught by one instructor.

5) A course place must be booked.