**Class Exercise 12/3/24**

A lecturer, identified by his/her number, name and room number is responsible for organising a number of course modules. Each module has a unique code and a name, and can involve a number of lecturers who deliver part of it. A module is composed of a series of lectures, and because of economic constraints and common sense, sometimes lecturers on a given topic can be part of more than one module. A lecture has a time, room and date, and is delivered by a lecturer. A lecturer may deliver more than one lecture. Students, identified by number and name, can attend lectures and a student must be registered for a number of modules. We also store the date on which the student first registered for that module. Finally, a lecturer acts as a tutor for a number of students. Each student has only one tutor.

**Question.**

Identify the entities, attributes and unique identifiers for each of the entities identified in the case above. Draw an entity relationship diagram, clearly indicating the cardinality constraints.