Draw a UML class diagram for the **scenario below**. Make sure to show multiplicities, aggregations, generalizations, association names and attributes where appropriate.

1. ***Professor Aladdin is an employee works at Hashemite University. He teaches the following courses: Software Engineering, Object Oriented Design and Object Oriented Programming.***
2. ***Ahmad is a student enrolled at Hashemite University and he has registered for 5 courses.***
3. ***Hashemite University is composed of many buildings, each building includes many rooms. There are two types of rooms; office and classroom. All rooms are described by width and length.***
4. ***Every employee has only one office.***