

Assignment 2: Course Management System

Deadline: 23:59pm, April 30, 2022

In this assignment, you are requested to design a course management system for our university. As the project manager, you can decide the entities (i.e., classes) and functionalities (i.e., methods) in such a system. Possible functionalities include course registration, course search, grade analysis, etc. You should design at least 6 classes (like student, teacher, admin, lecture course, etc.) and leverage the features of OOP.

To complete this task, you are required to provide a document that describes your system design and supported functions (less than 4 pages). More importantly, you **MUST** insert a UML class diagram to show the relationships among the classes in your system. You can use the Violet UML Editor, diagrams.net, or other UML tools.

What you need to submit: Submit a document file in PDF and name it with your ID and name, e.g., “123456-Harry-asg2.pdf”.

Submission guideline: You should submit the files via email to **Miss Jieyi Zhang** (jy Zhang@mail.nwpu.edu.cn) before the deadline.