



**King Fahd University of Petroleum & Minerals**  
**College of Computing and Mathematics**  
**Information and Computer Science Department**  
**SWE 206: Introduction to Software Engineering (2-3-3)**  
**Second Semester 2023-2024 (232)**  
**Lab06: UML Class Diagram**

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**Objectives:**

To gain experience with:

- Design UML Class Diagrams.
- Use Case tools to document UML class diagram.

**Topic:** Creation of UML class diagrams for a University Registration System.

**Tasks:**

Work in groups of 3-4 students.

1. Use the Enterprise Architect (EA) or any other tool (Each group must agree on using the same tool) to model the class diagram for the Registration system case study.
2. Submit **one single PDF** file (in Blackboard) that has the following structure:
  - a. Cover page has the course name, lab number, lab topic, group section and number, students' names, and IDs.
  - b. Page listing each member contributed tasks.
  - c. Page for the class diagram