

## **CS425 Database Organisation**

### **Homework 1.1:**

Design a university database that stores the following information: student, professor, and course. You are required to show the database schema (schematic view) and the data/table view of each entity.

Remember to include the metadata to self-describe the data stored in the database.

Use any professional tool for drawing (hint: Ms Visio).

**Deadline: 17<sup>th</sup> Jan 2023 Time: 12:00 noon.**

### **Homework 1.2:**

Implement the database schema submitted as “Homework 1.1”. You are required to specify clearly, and completely all possible assumptions undertaken on your database design and implementation.

Use open-source RDBMS for your implementation (PostgreSQL or Workbench SQL).

**Deadline: 24<sup>th</sup> Jan 2023 Time: 12:00 noon.**