Course: IT3090E

Practical Section: 15 hours

Objectif: Practical skills on a DBMS

Content: 3 practical classes of 5 hours

- Section 1: Introduce a DBMS
  - Installation a DBMS and tools
    - Intro to DBMS + tools + documentation
    - Connect to database engine
  - Sample database
    - Database description (structure + data)
    - Create a new database
    - Create tables + constraints
    - Insert data into tables
    - [Backup and restore a database]
  - Simple manipulation on DB + built-in functions
- Section 2: SQL
  - Complex SQL

- Section 3:
  - Views, function, trigger

Evaluation:

- Exams on machine
- 2 mini-tests in the second and third class.