

COURSE DETAIL

DATABASE SYSTEMS

Country

Australia

Host Institution

University of Melbourne

Program(s)

University of Melbourne

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Computer Science

UCEAP Course Number

127

UCEAP Course Suffix**UCEAP Official Title**

DATABASE SYSTEMS

UCEAP Transcript Title

DATABASE SYSTEMS

UCEAP Quarter Units

6.00

UCEAP Semester Units

4.00

Course Description

This course serves as an introduction to data modelling and databases from a technical and data management perspective. Database design from conceptual design through to physical implementation is covered. This includes Entity Relationship modeling, normalisation, de-normalisation, SQL, transactions, relational algebra and query optimisation. Other topics in data management and DBMS technology may also be included. A web-based database application is developed to explore the skills learned in this subject.

Language(s) of Instruction

English

Host Institution Course Number

INFO20003

Host Institution Course Title

DATABASE SYSTEMS

Host Institution Campus

Melbourne

Host Institution Faculty

Host Institution Degree

Host Institution Department

Computing and Information Systems

[Print](#)