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 Course Details
https://handbook.unimelb.edu.au/view/2015/INFO20003?output=PDF

Host Institution Campus
Melbourne

Host Institution Faculty

Host Institution Degree

Host Institution Department
Computing and Information Systems

Course Last Reviewed
2023-2024

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