COURSE DETAIL

DATABASE TECHNOLOGY AND MANAGEMENT
Country Singapore
Host Institution National University of Singapore
Program(s) National University of Singapore
UCEAP Course Level Upper Division
UCEAP Subject Area(s) Computer Science
UCEAP Course Number 135
UCEAP Course Suffix
UCEAP Official Title DATABASE TECHNOLOGY AND MANAGEMENT
UCEAP Transcript Title DATABASE TECH&MGMT
UCEAP Quarter Units 6.00
UCEAP Semester Units 4.00

Course Description

This course provides students with practical knowledge and understanding of basic issues and techniques in data management, with sufficient theory to understand the reasons for these techniques. Topics include conceptual (entity relationship model) and logical design (relational model) of database models, relational database management (data definition, data manipulation, SQL, visual interactive query interfaces), and their use in application development (in particular, data extraction from DBMS to spreadsheets application and data extraction to Web applications). Projects in developing a database within an application form an essential component of this course.

Language(s) of Instruction
English

Host Institution Course Number
IT2002

Host Institution Course Title
DATABASE TECHNOLOGY AND MANAGEMENT

Host Institution Course Details

Host Institution Campus

Host Institution Faculty
Computing

Host Institution Degree

Host Institution Department
Computer Science

Course Last Reviewed
2022-2023

Print