

COURSE DETAIL

DATABASE MANAGEMENT SYSTEMS

Country

Hong Kong

Host Institution

Hong Kong University of Science and Technology (HKUST)

Program(s)

Hong Kong Summer, HKUST

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Computer Science

UCEAP Course Number

124

UCEAP Course Suffix

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UCEAP Official Title

DATABASE MANAGEMENT SYSTEMS

UCEAP Transcript Title

DATABASE MGMT SYSTM

UCEAP Quarter Units

4.50

UCEAP Semester Units

3.00

Course Description

This course covers the principles of database systems. Topics include conceptual modeling and data models; logical and physical database design; query languages and query processing; database services, including concurrency, crash recovery, security, and integrity; hands-on DBMS experience. Text: A. Silberschatz, H. Korth, and S. Sudershan, DATABASE SYSTEM CONCEPTS. Assessment: assignments, midterm exam, and final exam.

Language(s) of Instruction

English

Host Institution Course Number

COMP3311

Host Institution Course Title

DATABASE MANAGEMENT SYSTEMS

Host Institution Course Details

Host Institution Campus

International Summer School

Host Institution Faculty

Host Institution Degree

Host Institution Department

Computer Science

Course Last Reviewed

2023-2024

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