

# 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**

S

**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 Campus**

International Summer School

### **Host Institution Faculty**

### **Host Institution Degree**

### **Host Institution Department**

Computer Science

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