COURSE DETAIL

DATABASE SYSTEMS I
Country Ireland
Host Institution University of Galway
Program(s) University of Galway
UCEAP Course Level Upper Division
UCEAP Subject Area(s) Computer Science
UCEAP Course Number 103
UCEAP Course Suffix
UCEAP Official Title DATABASE SYSTEMS I
UCEAP Transcript Title DATABASE SYSTEMS 1
UCEAP Quarter Units 4.00
UCEAP Semester Units 2.70

Course Description
Topics in this course include indexing techniques (primary, secondary, clustering, B trees), and hashing (extendible, dynamic, and linear); database architectures and data models (network, hierarchical, relational, and object-oriented); relational model (relations, relational operators, and integrity constraints); relational algebra and SQL (relational operators, query optimisation, DDL, DML, and DCL); and extended relational model.

Language(s) of Instruction
English

Host Institution Course Number
CT230

Host Institution Course Title
DATABASE SYSTEMS I

Host Institution Course Details
http://www.nuigalway.ie/engineering-informatics/currentundergraduatestudents/co...

Host Institution Campus
NUI Galway

Host Institution Faculty

Host Institution Degree

Host Institution Department
Information Technology

Course Last Reviewed
2018-2019

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