

In the Lecture Series Introduction to Database Systems

Presented by Stéphane Bressan

CS2102

Introduction to Database Systems

Welcome!

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Download the Student's Guide

CS2102 Aims, Objectives and Syllabus

An **introductory** course on **relational database** for computing students

We learn **concepts** and **techniques** for the **design** and **programming** of **database applications** with **relational database management systems**.

Textbooks

- **Introduction to Database Systems**

S. Bressan, B. Catania,
McGraw Hill

ISBN: 0071246509

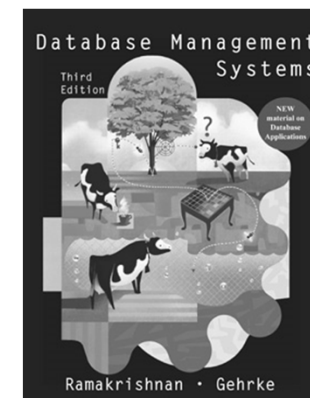


- **Database Management Systems**

R. Ramakrishnan, J. Gehrke Edition: 3e

McGraw Hill

ISBN: 0072465638



Introduction to Database Systems

Teaching and Learning

CS2102 follows conventional modes of learning, teaching and assessment: lectures, tutorials (some laboratories), online home assignments, group project, midterm test and final examination.

CS2102 Assessment

- a final exam (60%)
- a midterm test (20%)
- a project (11%)
- 3 online home assignments (9%)

ICT Tools for CS2102


- Integrated Virtual Learning Environment
 - Lesson Plan
 - Announcements (and Emails)
 - Forum (for all questions, answers and comments)
 - Project Tool
 - WorkBin
 - Grade Book
- Email (for personal matters)

Online Homework with Gradiance

- Almost everybody gets full mark!
- To allow more flexibility, to help you manage your time and effort, and to help you with your revisions, we use the Gradiance system for online Homework and Laboratories
(<http://www.newgradiance.com/cguw>)
- DO NOT REGISTER YET

Project

- The objective of the project is to apply the concepts and techniques learned in class for the design and programming of a database application.
- Deliverables
 - A pre-alpha demonstration
 - A brief report
 - A demonstration of your software
- Team of 5 students (no constraint on tutorial membership and option)

A close-up, black and white photograph of a computer keyboard key. The key is light-colored and has the word "Success" printed on it in a dark, serif font. The key is slightly raised and is surrounded by other keys, which are out of focus. The lighting creates soft shadows, highlighting the texture of the key and the surrounding keyboard.

Success