

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

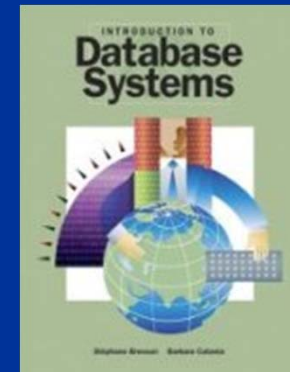
We learn concepts and techniques for the design and programming of database applications with relational database management systems.

Textbooks

- **Introduction to Database Systems**

S. Bressan, B. Catania,
McGraw Hill

ISBN: 0071246509

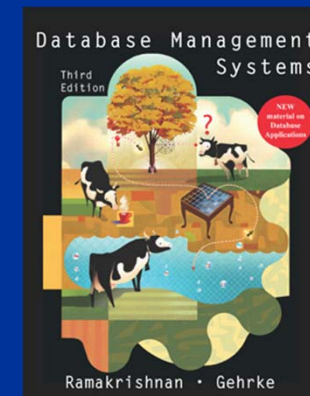


- **Database Management Systems**

R. Ramakrishnan, J. Gehrke Edition: 3e

McGraw Hill

ISBN: 0072465638



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%)

- 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)



Success

A close-up photograph of a computer keyboard. The central focus is a single key with the word "Success" printed on it in a black, serif font. The key is a light, off-white color. The surrounding keys are dark grey or black and are out of focus. The lighting is soft, creating a slight shadow on the right side of the "Success" key. The overall composition is simple and symbolic.