In the Lecture Series Introduction to Database Systems

CS2102

Presented by Stéphane Bressan

Welcome!

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CS2102 Aims, Objectives and Syllabus

In this module we learn the **concepts** and **techniques** for the design and programming of **database applications** with **relational database management systems**.

We learn **design**

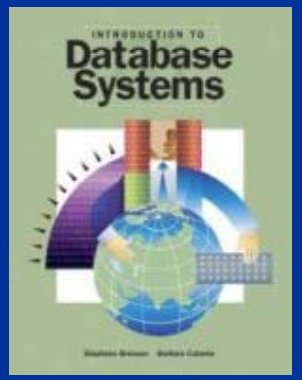
We learn **programming**

Teaching and Learning

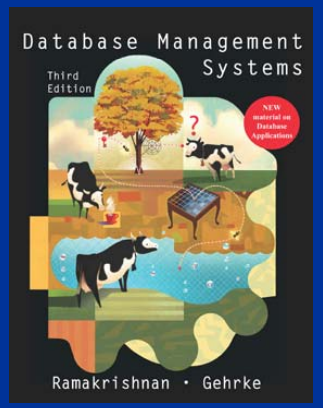
CS2102 follows conventional modes of learning, teaching and assessment: lectures, tutorials (some laboratories), online home assignments, group project, midterm test and final examination.

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



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)
- Recorded Webcast
- Online Videos and Lectures with Breeze
- Online Homework with Gradiance

CS2102 Assessment

- a final exam (60%)
- a midterm test (20%)
- a project (10%)
- a series of online home assignments (10%)

CS2102 Tutorials and Laboratories

- 9 tutorial sessions (2 hours each)
- 3 of them take place in the lab

Online Homework with Gradiance

- 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 brief report
  - A demonstration of your software
- Teams of 5 students no restriction on tutorial membership and option
- No constraint on team membership


Success