CMPT 354 - D100 Database Systems I

Calendar Objective/Description:
Database Systems I

Instructor's Objectives:
This first database course will provide an introduction to DBMS. We will focus the most widely used relational data model, and introduce several core concepts in relational data models. The emphasis of this course is on the DESIGN of database applications from the database administer's point of view, and the USE of databases from the database user's point of view.

Prerequisites:
see go.sfu.ca

Topics:
- An introduction to Database Systems.
- Entity-Relationship Model.
- Relational Model.
- Integrity Constraints.
- Relational Database Design
- Query Languages (SQL).
- Applications

Grading:
Two assignments (20%), SQL project (15%), class attendance (5%), one midterm (20%) and one final (40%).

Required Books:

Academic Honesty Statement::
Academic honesty plays a key role in our efforts to maintain a high standard of academic excellence and integrity. Students are advised that ALL acts of intellectual dishonesty will be handled in accordance with the SFU Academic Honesty and Student Conduct Policies (http://www.sfu.ca/policies/gazette/student.html).