CMPT 740 - G100 Database Systems

Instructor(s): Tianzheng Wang

SFU Burnaby

Calendar Objective/Description:
Database Systems

Instructor's Objectives:
This course covers the concepts and current practices concerning the development of data-intensive systems with a focus on relational database systems and related areas. The course begins with a review of basic database systems internals, including storage engine, query execution and optimization, transaction processing. The course then progresses to cover more recent advances in the area of database systems. Basic understanding of database systems is assumed (e.g., obtained through an introductory course on database systems).

Course website will be available at: https://www.cs.sfu.ca/~tzwang/teaching.html

Prerequisites:
see go.sfu.ca

Grading:
To be discussed later when lectures start.

Reference Books:
Principles of Transaction Processing For The Systems Professional, 2nd Edition, Philip A. Bernstein and Eric Newcomer, Morgan Kaufmann, 9781558606234

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).