

Today's Plan

- Course logistics
- Introduction to Databases



COURSE OVERVIEW

CHAPTER 00

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Course Websites

Unsecured Website

<https://student.cs.uwaterloo.ca/~cs338>

LEARN

<https://learn.uwaterloo.ca/>



Office Hours

- Both TAs and instructor, spread out through the week.
- Online using MS Teams



Course Roadmap

- Database implementation
 - Relational data model
 - SQL
 - Storage and indexing
- Database design
 - Entity Relationship Diagrams, mapping, Normalization
- Advanced topics (time permits)
 - Transaction control
 - Concurrency control
 - Multimedia database
 - Data warehouse and data mining



Lectures

- Delivered via PowerPoint slides
- Two lectures per week
 - One on Monday and one on Wednesday
- Each slide contains:
 - Essential concepts and major knowledge points
 - Notes
- To access the slides, you will need Microsoft Office
 - Free at <https://uwaterloo.ca/office-365/>



Recommended Textbook

- See the unsecured website.



Evaluations

- See the unsecured website.



Crowdmark Assignments

- See the unsecured website.



Getting your own DBMS

- See the unsecured website.



Don't be afraid to ask questions

- Post your questions on Piazza.
- For every question asked by one student, there are three more hiding behind.



Intellectual Property

- Lecture materials, questions and solutions from assignments, project, quizzes, tests and exams are the intellectual property of the instructor and/or the University of Waterloo.
- Please do NOT post or upload them to third parties without written permission of the instructor or school.
- Thank you for your cooperation!



Word of Caution

Academic misconduct in
any form will not be
tolerated.

