

CS 240 – Data Structures and Data Management

Module 0: Administrivia — Enriched

T. Biedl É. Schost O. Veksler

Based on lecture notes by many previous cs240 instructors

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Course Information

- Course Webpage

<http://www.student.cs.uwaterloo.ca/~cs240e/>

Primary source for up-to-date information for CS 240.

- ▶ Course policies and info
- ▶ Announcements
- ▶ Assignments / Solution Sketches
- ▶ Tutorial questions / Solution Sketches

- LEARN

- ▶ Videos
- ▶ Course notes (~ textbook)
 - ★ Still under development, some errors possible

- Piazza: <https://piazza.com/uwaterloo.ca/Winter2021/cs240e>

- ▶ A forum that is optimized for asking questions and giving answers.
- ▶ You must sign up using your uwaterloo email address.
- ▶ Posting solutions to assignments is forbidden.
 - ★ Use email for questions about (partial) solutions.

Course Information

- Instructor: T. Biedl, `biedl@uwaterloo.ca`
 - ▶ Professor, research area: Algorithms
 - ▶ 10th time teaching this course (3rd time for enriched section)
- Assistant (ISA): Zoruvar Singh(E) `cs240e [at] uwaterloo.ca`
 - ▶ Main contact for questions, piazza, tutorials
 - ★ Tutorial-videos released on LEARN Fridays 4:00PM
 - ★ Tutorial-questions on web-page beforehand
 - ★ First tutorial (on Fri. Jan 15)
- Numerous other ISAs, IAs or TAs (for regular section or grading only)
- Coordinator (ISC): Karen Anderson `kaanders [at] uwaterloo.ca`
 - ▶ Main contact for paperwork

Office hours: On-line; see web page for schedules.

Email: For private communication between students and course staff.

- Send email from your uwaterloo email address

How online-lectures will work

- Fast videos:
 - ▶ 3-5 videos per class, 5-10 minutes each, ~ 30 minutes total
 - ▶ Required. This is the actual course material for exams etc.

Very fast, very dense, probably not enough unless you know topic.
- Textbook, covers all material (and then some):
 - ▶ 11 chapters, 10-15 pages per lecture.
- Slow videos, **optional**, should cover almost all material:
 - ▶ From various previous cs240R offerings, and some are new.
 - ▶ Slower pace, more examples, more review of cs136/cs145 topics.
 - ▶ No need to watch all. The titles tell you the topic—watch the ones where you need more help.
- Modules, **optional**, incomplete coverage:
 - ▶ Slides from the regular section, some slides for enriched.

All materials on LEARN, released Tuesday/Thursdays on lecture-days.

Mark Breakdown (Part 1 of 2)

- Final Assessment 25%
 - ▶ date period: TBA
 - Midterm Assessment 15%
 - ▶ Mar 10, 5pm – Mar 11, 5pm
 - Assignments 45%
 - ▶ Assignment 0 to learn L^AT_EX (6 bonus marks on assignment 1)
 - ▶ Assignments 1-5 each worth 9%, approximately every 2 weeks
 - ▶ All assignment to be submitted electronically via MarkUs
File size limited to 5MB.
 - ▶ Due on Wednesdays at 5:00pm
No lates allowed (documented illness → credit transferred)
 - ▶ Follow the *assignment guidelines*
(<https://www.student.cs.uwaterloo.ca/~cs240/w21/guidelines.pdf>)
Marks may be deducted for hard-to-read solutions.
- Note: You must pass the *weighted average* of the midterm and the final assessments to pass the course

Mark Breakdown (Part 2 of 2)

- Some assignments have programming question.
 - ▶ C++
 - ▶ Due later than written parts (typically 1 extra week)
- Mini Quizzes 15%
 - ▶ 5 Quizzes on LEARN, 3% each, approximately every 2-3 weeks
 - ▶ Each has \approx 15 randomly chosen multiple choice questions on recent lectures. Should be straightforward.
 - ▶ Due on Fridays at 5:00pm
No lates allowed (documented illness \rightarrow credit transferred)
- Academic Integrity Agreement 0%
 - ▶ Provided by us but must be student signed and submitted for every assignment, mini test, and each of the midterm and final assessments
Component will not be marked without it.
 - ▶ Due within 2 days of release of component to students and before starting work on the component.

Warning and advice

Cheating:

- Cheating includes not only copying the work of another person (or letting another student copy your work), but also excessive collaboration.
- Standard penalties: a grade of 0 on the assignment you cheated on, and a deduction of 5% from your course grade. You will also be reported to the Associate Dean of Undergraduate Studies.
- Do *not* take notes during discussions with classmates. Wait until at least 30 minutes after before writing or typing

Advice:

- Don't fall behind! Watch videos the day they are released.
- Pay attention! Don't multi-task.
- Seek help! Don't wait too long before asking.

Advice

Watch and listen to all the fast videos, *on schedule* and *pay attention*!

Make sure you understand the *details*. Study the textbook or find slow videos to watch if needed.

Keep up with the course material! *Don't fall behind*.

If you're having difficulties with the course, *seek help* – don't wait!