

CS 240 – Data Structures and Data Management

Module 0: Administrivia

T. Biedl É. Schost O. Veksler

Based on lecture notes by many previous cs240 instructors

David R. Cheriton School of Computer Science, University of Waterloo

Winter 2021

Course Information

- Course Webpage
 - <http://www.student.cs.uwaterloo.ca/~cs240/>
 - <http://www.student.cs.uwaterloo.ca/~cs240e/>Primary source for up-to-date information for CS 240.
 - ▶ Lecture slides
 - ▶ Assignments / Solution Sketches
 - ▶ Course policies
- Main resource: Lectures
 - ▶ Video lectures on LEARN.
- Textbook
 - ▶ Notes by Prof. Therese Biedl, available on LEARN
 - ★ Still under development, some errors possible
 - ★ Chapter X corresponds to Module X.
 - ▶ More books on the webpage under Resources

Course Information

- Instructors:
 - ▶ Therese Biedl, biedl@uwaterloo.ca
 - ▶ Éric Schost, eschost@uwaterloo.ca
 - ▶ Olga Veksler, oveksler@uwaterloo.ca

- Lectures (slides and videos, posted as needed)
 - ▶ 001 (Veksler)
 - ▶ 002 (Schost)
 - ▶ 003 (Schost)
 - ▶ 004 (Biedl)

} Same content.
} Same material.

{ ▶ Enriched is *different*: faster, more material
{ ▶ Switching into it may be possible in the first week, needs special permission, contact instructor.

- Office hours (on-line), other contact info, etc.
 - ▶ See web page

Course Information

Instructional Support

- Coordinator (ISC): Karen Anderson
kaanders [at] uwaterloo.ca
 - ▶ Main contact for paperwork
- Assistants (ISAs): Qing Mark Guo, Yilin Jason Zhang, Frank Kang(R)
cs240 [at] uwaterloo.ca
Zoruvor Singh(E) cs240e [at] uwaterloo.ca
 - ▶ Main contact for questions, piazza, tutorials
- Office hours (on-line)
 - ▶ See webpage
- Grad Instructional Apprentices (IAs): Sajed Haque(R)
cs240 [at] uwaterloo.ca
 - ▶ Tutorial creation, delivery, piazza
- Grad Teaching Assistants (TAs)
 - ▶ Marking assignments, assessments

Course Information

Tutorials (released Fridays 4:00PM)

- questions on web page
- videos on LEARN
- First tutorial (on Fri. Jan 15)
 - ▶ Regular: cover some \LaTeX (for Assignment 0)
 - ▶ Enriched: cover course material

Assignment 0 to learn \LaTeX (6 bonus marks on assignment 1)

Electronic Communication in CS240

Piazza:

<https://piazza.com/uwaterloo.ca/Winter2021/cs240>

<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.
 - ▶ You can post to piazza using a nickname though
- Posting solutions to assignments is forbidden.

Email: cs240@uwaterloo.ca cs240e@uwaterloo.ca

- For private communication between students and course staff.
- Send email from your uwaterloo email address
- If using your friendly uwaterloo email, include your 8 character (max) Quest username

Mark Breakdown (Part 1 of 2)

- Final Assessment 25%
 - ▶ date period: TBA
 - Midterm Assessment 14%
 - ▶ Mar 10, 5pm – Mar 11, 5pm
 - Assignments 45%
 - ▶ 5 assignments 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 16%
 - ▶ 4 Quizzes on LEARN, 4% each, approximately every 2-3 weeks
 - ▶ Each has \approx 16 randomly chosen multiple choice questions on recently completed lecture modules.
 - ▶ 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.

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

Watch and listen to all the lectures, on schedule and pay attention!

Study the slides before the lectures, and again afterwards.

Read the notes for details, and to get different perspectives on the course material.

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

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