CS 240 – Data Structures and Data Management

Module 0: Administrivia

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Based on lecture notes by many previous cs240 instructors

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Course Information

- Course Webpage

  `http://www.student.cs.uwaterloo.ca/~cs240/`

  Primary source for up-to-date information for CS 240.
  - Lecture slides
  - Assignments / Solution Sketches
  - Course policies

- Main resource: Lectures
  - In-person, on-campus lectures.
  - Textbook by Prof Biedl available on LEARN (see below).
  - Old lecture videos will be available 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:
  - Navid Nasr Esfahani, nnasresf@uwaterloo.ca
  - Armin Jamshidpey, a5jamshi@uwaterloo.ca
  - Mark Petrick, mdtpetri@uwaterloo.ca
- Lectures (in-person, on-campus)
  - Navid Nasr Esfahani (Lec 001, 006)
  - Armin Jamshidpey (Lec 004, 005)
  - Mark Petrick (Lec 002, 003)
- Office hours (on-campus and 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): `cs240 [at] uwaterloo.ca`
  - Zahra Ahmed, Prashanth Arun, Yundi Duan, Yilin (Jason) Zhang
  - Main contact for questions, piazza, tutorials
- Office hours (in-person and on-line) - see webpage
- Grad Instructional Apprentices (IAs): `cs240 [at] uwaterloo.ca`
  - Matthew Regehr, Theo Vanderkooy
  - Tutorial creation, delivery, piazza
- Grad Teaching Assistants (TAs)
  - Marking assignments, assessments

Course Information

Tutorials

- Questions will be released before the Monday Tutorial (on webpage)
- Monday Tutorial will go over some solutions
- Sample solutions released after Monday (on webpage)
- First tutorial (Monday May 9th)
  - Cover some LaTeX(for Assignment 0)
  - Cover some intro Big-O notation

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

Electronic Communication in CS240

Piazza:
`https://piazza.com/uwaterloo.ca/Spring2022/cs240`

- 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`

- 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 40%
  - date period: TBA
- Midterm Assessment 19%
  - Tues June 21, 4:30pm – 6:20pm

Note: You must pass the *weighted average* of the midterm and the final assessments to pass the course.

- Assignments 35%
  - 5 assignments each worth 7%, approximately every 2 weeks
  - All assignment to be submitted electronically via MarkUs.
  - Due on Wednesdays at 5:00pm
    One late submission allowed - due on Friday at 5:00pm (details later)
    Special cases: (documented illness, etc) $\rightarrow$ credit transferred
  - Follow the *assignment guidelines* linked at top of each assignment.
    Marks may be deducted for hard-to-read solutions.

You must pass the weighted average of the Assignments to pass the course.

Mark Breakdown (Part 2 of 2)

- **Contingency - Alternate grading scheme**
  - In the event that the final exam is moved online, it's weight will be reduced to 30% and assignments will be worth 9% each.

- Programming Questions (in *C++*) 6%
  - 2 programming questions (3% each)
  - Due dates around midpoint and end of term

- Academic Integrity Agreement 0%
  - Provided by us but must be student signed and submitted for every assignment and programming question. 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

Attend all lectures and be present, 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!