

University of Waterloo

CS240 Spring 2021

Final Exam

Availability start: Monday, August 9, 2021, 9:00AM (EDT)

Latest Submission Time: Tuesday, August 10, 2021, 9:00AM (EDT)

Your **Academic Integrity Declaration (AID)** <https://www.student.cs.uwaterloo.ca/~cs240/s21/exams.phtml> is to be signed with your 8-character Quest userNAME and submitted to MarkUs where we have means to auto-check correct completion.

The integrity of the grade you receive in this course is very important to you and the University of Waterloo. Submit **Final-AID.txt** *before starting work on the assessment* and submit it to MarkUS **before your submission deadline (i.e. read, sign and submit now or as soon as possible) or your assessment will not be marked.** The agreement will indicate what you must do to ensure the integrity of your grade. Only course provided materials are allowed.

The final exam questions will be available 9:00AM (EDT) Monday, August 9, 2021 at <https://www.student.cs.uwaterloo.ca/~cs240/protect/index.php>. Once you have downloaded the final exam your time has started (time tracker: <https://student.cs.uwaterloo.ca/~cs240/cgi-bin/displayExamTime.cgi> – do NOT use Crowdmark’s timer). You are allocated **2.5 hours** to write the exam and an additional **1.5 hours** to create **individual files** (one file per question) and to submit them to Crowdmark. All work must be submitted within 4 hours of when you downloaded the exam or Tuesday, August 10, 2021, 9:00AM (EDT), whichever comes first. We will only mark work that has been submitted *to the proper question* on time.

Public posts to **Piazza** will be turned off during the exam. Only private posts to instructors will be allowed in the case where you think you have found an error or lack of clarity (read the question again carefully first). We will put any errors or clarifications on Piazza in an Official Final Exam Clarifications post.

Your answers to the assessment questions are to be submitted to Crowdmark. Please read <https://www.student.cs.uwaterloo.ca/~cs240/s21/guidelines.pdf> for guidelines on submission. When the assessment has started, you will receive email from the Crowdmark mailer with the link for submitting your files (if you do not see it, check your spam and junk folders in your email reader).

Submitting to Crowdmark must be done as separate question files (one for each question). Crowdmark accepts PDF, JPG, and PNG files. The size limit is 12mb per JPG or PNG file and 25mb per PDF file. Make sure each page has the question number and part labels (if any). You may use LaTeX to create your file or hand write your answer and scan it or take a picture. Keep a copy of all submitted files (i.e. make a copy for modifications).

Generally speaking, if your answer is longer than a page for a question, it is probably too long. However, you can still submit more than one page for each question, if necessary (for example, if your writing is large or you include a drawing).

Double check your submitted files before your deadline to make sure you submitted the intended file, that each answer is submitted to the proper question and that your solution is legible (we can't mark what we can't read). Marks will be deducted for illegible or hard-to-find answers.

Make sure to allocate enough time at the end to create the necessary file(s) and to submit. Remember, late assessments will be assessed a penalty (see below) or will not be marked. More complete Crowdmark instructions for submitting and verifying submission can be found at:

<https://crowdmark.com/help/completing-and-submitting-an-assignment/>

<https://crowdmark.com/help/verifying-that-an-assignment-was-submitted/>

Each question must be submitted individually to Crowdmark. There are 12 questions, so you should submit 12 files.

Submitting files after YOUR deadline:

- 1) If you submit a question after your deadline, it is late.
- 2) If you are resubmitting a file/question that has previously been submitted, crowdmark will overwrite the file (it does not save a copy of the original submission) - if your new submission is after your deadline, it is late.
- 3) Your exam time is broken down so you are given 2.5 hours to write the exam and 1.5 hours to prepare the questions for submission and to submit them to crowdmark. If any question is submitted late, the following penalty will be applied: for each minute late, 1 mark will be deducted from that question (to a maximum of the number of marks for that question).

For example, if question 1 is submitted 3 minutes late and question 2 is 5 minutes late (2 minutes after the question 1 submission), you may lose up to 8 marks.