

**ECE-250 – Algorithms and Data Structures (Winter 2012)  
Final Examination**

2012-04-13, 9:00 – 11:30 (DC-1351)

**INSTRUCTIONS:**

*You must work on your exam strictly individually.*

Questions are in order of the course material, and not in order of difficulty level.

**No materials / aides allowed:**

- No books, no course notes or printouts of any kind.
- No calculators, no cellphones/smartphones, computers, or electronic devices of any kind.
- You must turn off any electronic devices and store them under your desk — simply having any device (even if turned off) with you during the exam constitutes a violation and will be reported.
- If you need to borrow a pencil, sharpener, eraser, etc., *you must ask a proctor*. You're not allowed to directly ask any of your neighbours.

**No questions allowed during the exam:**

- 2 marks deduction off the exam's grade *for each* question asked).
- The only acceptable question is “*may I go to the washroom?*”
- ***If a question seems ambiguous to you, or if you think there is a typo/mistake in the question, write down your assumptions and continue answering based on those assumptions.***
- You may report any “major” issues with the exam (question missing, page missing, etc.) through the form at the end of the exam (in such case, you should call one of the proctors and give them the completed form, *maintaining complete and absolute silence*)

**Before, during, and at the end of the exam:**

- You're not allowed to leave during the first 60 minutes or the last 30 minutes of the examination period.
- Do not stand up or talk until all exams have been picked up.
- You must stop writing when any of the proctors or the instructor announces that the examination is finished. **NO EXCEPTIONS.** (10 marks deduction off the grade of the exam, plus the incident would be reported as an academic offence)

**THIS BLOCK MUST BE COMPLETED USING ALL CAPITAL LETTERS IN BLUE PEN**

Surname/Last Name									
Legal Given/First Name(s)									
UW Student ID Number	<b>2</b>	<b>0</b>							
UW User ID									

**I am writing this as a Supplemental Examination to clear a previous fail grade.**

I have read and understood the above instructions and rules for the examination: \_\_\_\_\_

Student's signature

***Additional Instructions:***

- For all questions: if the space for the answer is not enough, use the back of the previous page, properly labelling.
- For all questions: unless otherwise explicitly indicated, if an answer is provided without justification or rough work shown, there would be a 20% deduction for that question. This includes questions that include a “Show your work” statement.

Additionally, if no justification or rough work is shown and the answer is not correct, no part marks would be awarded.

- For questions where it is stated that you *must* show your work or you *must* justify, the above does not apply, and for those questions, an answer (even if correct) without a justification or rough work shown is not accepted.

***Problem Report:***

Student Name: \_\_\_\_\_

Student ID: \_\_\_\_\_

Problem description (indicate page number, question number, etc., as applicable):



***Problem Report:***

Student Name: \_\_\_\_\_

Student ID: \_\_\_\_\_

Problem description (indicate page number, question number, etc., as applicable):