

## CS 245

### Fall 2023 Final — Instructions and Rules (These have changed slightly)

1. You will receive an email from me indicating that the exam is available no later than 9am Sunday Dec 17. You may begin the exam any time after you receive that email. You must complete the exam prior to the end of the exam period, Friday Dec 22 at 12:30pm.
2. You have **300** minutes from the time you hit the button to obtain the exam until you return it to me. Included in this time limit is the time to: obtain the exam; return the exam; have a printer failure, have other electronic mishaps; etc. If something truly dire happens during your 300 minutes, email me immediately.
3. On the first page of your submission clearly write the time you started and the time you completed the exam. Also sign by that time to indicate that you have abided by the honor code. I have a record of the time you obtained the exam and a timestamp of when you emailed it back to me. Still, note these times requested above on your submission.
4. All answers should be written either in the exam or on blank paper.
5. **SUBMISSION:** send your answers to [gtowell@brynmawr.edu](mailto:gtowell@brynmawr.edu). If you typed everything, or wrote on a tablet, just copy and paste or attach the document. For handwritten answers, take photos or scan. Please ensure legibility. Your submission should be in PDF or some other common format. Your submission should be an actual file, NOT a link.
6. This is an open everything exam. *There are two restrictions: first, you may not discuss an aspect of the exam with anyone. The only discussion of the exam that would not violate the honor code would be “I have not taken it yet”. Even commenting that you thought the exam was hard (or easy) would be a violation. Second, you may not use an AI service (eg ChatGPT).*
7. In order to be eligible for as much partial credit as possible, show all of your work for each problem, and clearly indicate your answers. Credit will not be given for illegible answers or for answers that I cannot find.

8. Code that you write should be as close to correct (runnable) as possible. Small syntax errors will not cost you points, but code that is unclear will. You may write your code using VSC; you may compile and test. I do not encourage this (I even discourage doing so as it will tend to slow you down), I just note that it is permitted.
9. *If you copy text / use ideas you found on the web, provide references for where you found the information. If I have doubts that you wrote the text of your answer, I will invoke rule 13.*
10. If you make an assumption (or are unsure of your interpretation of a question), state that assumption or interpretation clearly. For instance you might say “I assume that the question means that I should do ...”. If I agree that your interpretation is valid, then your answer will be eligible for full credit. However, I may not agree with your interpretation or I may feel that your interpretation is only worth partial credit.
11. While you are taking the exam, you can email me with questions. However, I make no promises about when I will be available. Generally, you are better off using point 10.
12. You may use any function defined in the Go book, the Rust book or in Rust crates discussed in class (e.g. random). If you go beyond these, see point 13.
13. *You are responsible for fully understanding your responses. For instance, if you read on stack overflow “just multiply by 2.3” you should know why you are multiplying by 2.3. If, for some reason, I do not believe you understand your answer, I may take points off even if your answer is correct. So if you do something weird (ie not in the book or discussed in class) then provide an explanation sufficient to prove your understanding.*