# Montana State University
## CSCI 460 – Operating Systems
## Fall 2020
## Exam #1

*Print* your name: _____

*Print* your Net ID: _____

**Please read the directions carefully!** *...then read them again!*

- Please upload your completed exam (as a PDF) to **GradeScope** no later than 11:59PM (MST) on Friday, October 2, 2020. This is a hard deadline. Late submissions will receive an automatic 0 for this exam.

- This exam is open books, open slides, open demo code, open computers/phones, open IDEs and terminals, but **closed** everything else. To be clear, during this exam you are **not** permitted to consult with other students (past or present) or other resources outside of what we use in this class. Anyone found violating this directive will receive an automatic 0 for this exam and will be reported to the university.

- Do **not** post questions to public channels on Slack regarding this exam. You may send Travis an email or DM on Slack if you have a question. Travis will make public announcements with clarifications if needed.

- Read each question carefully and make sure that you answer everything asked for.

- Write legibly so that we can read your solutions. Please do not write anything in red.

- You will be graded on correctness, efficiency, and clarity. Please be as concise as possible while ensuring that your solutions sufficiently address each problem.

- We suggest that for solutions that require you to write code, you include comments. They will help your grader understand what you intend, which can help you get partial credit.

- *Attempt every problem!* We can't (and won't) assign partial credit if you don't show us you attempted some problem. (Some points are better than no points, am I right?)

- Ensure that your answers stay within the allotted region. You should have more than enough space to answer each question.

- Hand in only what you want graded. (We do not want your scrap paper.)

- Please write your name on every page *(just in case. . . )*.

**A Note About Assumptions:**
*You cannot change problems by assuming things we have not specified. In cases where we ask you to solve problems that involve writing code, make sure to provide definitions for code that you don't write, but that your code depends on. If you have clarifying questions, <u>please ask!</u>*

*Solutions that make invalid assumptions, in turn modifying the problem we are asking, will receive 0 points.*

| Question | Value | Type | Score |
|----------|-------|------|-------|
| 1 | 30 | *multiple choice* | |
| 2 | 40 | *short answer / work small problems* | |
| 3 | 15 | *read and analyze some code* | |
| 4 | 15 | *misc. e.g., draw/annotate a sketch and explain* | |
| Total | 100 | | |

**A Note About My Re-Grade Policy:**

*Requests for re-grades are acceptable. Note, however, that I have a particular philosophy around this topic. Grading mistakes (unfortunately) happen. Sometimes they are against your favor, but sometimes they are in your favor. Thus, if you request a re-grade – even for one question – I will re-grade the entire exam.*

*This policy is not meant to be overtly harsh; rather, it is meant to be an acknowledgement that mistakes can be made that both negatively <u>and</u> positively impact your grade. Furthermore, this policy encourages students to carefully review their exams and assess whether or not they believe the grade is a fair reflection of their overall performance on the exam.*

*Of course, if you believe that a grievous mistake has been made, please do let me know so we can get it corrected. Also, if you believe there are accounting errors (e.g., points were incorrectly added up), please let me know – those are easy to fix ;)*