

Grading rubric: Simulator Assignment 1

CS 446 (FALL 16)

	0	1	2	3
Code Readability	0-5 points Code is undocumented, unreadable, or identical to another student's.	6-10 points Code documentation is incomplete, semi-readable, or contains too many or not enough comments.	11-15 points Code documentation is sufficient, readable, and commented.	16-20 points Code is well-documented, consistent, eminently readable, and commented efficiently.
Functionality	0-5 points Program does not compile, does not work with a test file, or compiles with errors/warnings.	6-10 points Program functions but does not handle errors or does not complete all actions.	11-15 points Program functionality is sufficient and handles simple errors.	16-20 points Program functions with all test files as expected, handles errors elegantly, and correctly identifies missing/mispelled information.
Task Completion	0-10 points Tasks not completed/attempted.	11-20 points Tasks completed with minimal attempt.	21-30 points Tasks completed with moderate attempt.	31-40 points Tasks completed fully and efficiently.

Task Rubric

	0	1
File Management	0-5 points Files are incorrectly or inefficiently opened/closed. File handling contains no error checking/handling. Program exits upon file failure. File is incorrectly handled from the command line.	6-10 points File management is efficient. File errors are handled with reasonable flexibility for user errors. Program prompts user upon file error and reports problems. File is correctly inserted via the command line.
Output	0-5 points Output is incorrect or unreadable.	6-10 points Output is correct and identical to specification format. All calculations and operations result correctly based on the meta-data file and configuration file.
Data Structure	0-5 points No data structures are used, data structures are inefficient, or data structures do not correctly store information.	6-10 points Data structure usage is efficient and stores information correctly.
General Expectations	0-5 points Some or no general expectations are followed.	6-10 points All general expectations are followed.

[illegible]