

Grading Rubric and Resubmission Policy

Last updated: January 12, 2023

1 Grading rubric

Each problem on a quiz/exam will be graded on the following scale:

- 10 Your solution is completely correct, sufficiently justified, and easy to follow.
- 8 Your solution has one or two minor errors, but is otherwise sufficiently justified and easy to follow.
- 4 Your solution has substantial gaps: for example, a significant error using a concept or skill, multiple errors due to an error carried forward, inadequately communicating your reasoning, or an inability to solve the problem completely.
- 0 No response or an insubstantial response.

Note that each problem on a quiz/exam may be weighted differently.

2 Resubmissions

If you did not perform well on a quiz/exam, you may redo and resubmit it.

- Each problem you resubmit will be graded on the following scale:
 - 10 Your solution is completely correct, sufficiently justified, and easy to follow.
 - 0 Otherwise.

In other words, no partial credit will be given for resubmissions. Your new grade for that problem will be

$$\max \left\{ \text{original grade}, \frac{\text{original grade} + \text{resubmission grade}}{2} \right\}$$

- No collaboration allowed. All work must be your own.
- You may use your own course materials (e.g., notes, homework), as well as any materials directly linked from the course website. You may not use any other materials.
- You may resubmit at most one quiz/exam per week.
 - For bookkeeping purposes, a week starts on Monday and ends on Sunday.

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- You must resubmit your quizzes/exams using the resubmission form on the course website.
 - For pen-and-paper quizzes/exams, you only need to resubmit the problems you redid. You must scan your work and resubmit it as a single PDF file.
 - For quizzes/exams in Jupyter notebooks, you must resubmit the entire Jupyter notebook for that quiz/exam, even if you only redid some of the problems.
 - The resubmission form will ask you to electronically sign the following honor statement:

The Naval Service I am a part of is bound by honor and integrity. I have not compromised our values by using any unauthorized materials for this resubmission. I have not compromised our values by giving or receiving any unauthorized assistance for this resubmission.

- You may resubmit the same quiz/exam in multiple weeks.
- You may not resubmit the final exam.
- Because resubmissions are allowed throughout the semester, I will not post solutions for quizzes or exams until the end of the semester, before the final exam.

3 Why this grading system?

- **Opportunities to improve.** This system gives you the opportunity and the incentive to improve your mastery of the course material throughout the semester.
- **Encouraging mastery.** This system encourages working out problems in a completely correct way, since doing many problems incompletely is not advantageous.