

# Homework Policy

Solving problem sets is an essential component of the learning process in this course. Our homework policy is the following.

1. **Schedule.** Problem sets will be assigned roughly every two weeks, and students will have roughly two weeks to solve each problem set. We expect there to be a total of 6 problem sets, but that number might change.
2. **Mathematical rigor.** Solutions must be written out in full mathematical rigor. Any claim presented must be formally proved, unless it has already been proved in class or in the lecture notes, in which case one must present a clear citation of the statement being used.
3. **Collaboration.** We encourage students to form small study groups to discuss the material and to work together on the problem sets. This can make for a more stimulating, memorable and enjoyable experience, and also provides an opportunity to benefit from tutoring and being tutored.
4. **Written and online sources.** We encourage students to read any material on learning theory that they find useful. However, obtaining solutions to the problem sets from various sources rather than solving them independently is frowned upon. Mindless copying might be counterproductive to your development as a mathematician, and deprives you of the well-earned satisfaction and enjoyment of reaching the solution yourself.
5. **Independent submissions.** Each student is required to write their submission independently in their own words. While collaboration is encouraged when solving the problem sets, and consulting written and online sources is permitted, students must write the solution out on their own. Avoid copying someone else's written solution, even if working together.
6. **Academic honesty.** Every homework submission must include a preamble that details all the people with whom the student discussed the assignment, including a brief comment on the nature of the discussion, e.g., "I got a tip from John Smith to use technique x in question y." Additionally, the preamble must specify all other sources used, e.g., "I read this reference (link) for solving question x." Alternatively, if no people or other sources were consulted, that fact must be clearly stated in the preamble.

Using written and online source is permitted and will not affect the assignment's grade, but failure to be honest in these matters will be reported to the Office of Student Conduct and may result in failing the course.

7. **Submission.** Submission will be done via Gradescope.
8. **Late submission.** Every students is allotted a quota of 3 late submission days which they can use for any problem set throughout the semester (e.g., submitting 3 problem

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sets each of which is 1 day late, or submitting 1 problem set 3 days late, etc.). Late submissions should also be submitted via Gradescope. Late submissions beyond the total 3 days quota will not be graded. The late submission quota can be used for homework only and cannot be used for the final project.

9. **Regrading.** Students can request that their homework be regraded via the regrading option on Gradescope. These requests will be processed by the course's reader. If students are still unsatisfied, they may submit a further regrading request to Jonathan via a private message on Piazza.