

Homework Guide

Math 301 Spring 2023

Schedule

There will be a homework assignment assigned every Wednesday that will be due the following Wednesday in class. You should have completed or attempted the bulk of the assignment by Monday, so we can discuss any issues that arise before Wednesday (either in office hour or in class if time permits). We will present some problems in class Wednesday.

Expectations

You may discuss homework problems with your peers (or me), but the work you turn in must be entirely your own. There is a big difference between discussing and working on a problem with someone and writing the same exact solution. I should never see identical work.

A portion of the problems will be computational in nature, but most of the exercises will require a formal proof. Proofs should be written in a clear logical fashion with complete sentences. Standard logical symbols are permitted, but they cannot entirely replace the written word. You should use my style as a guide.

Grading

Every assignment will be graded out of 8 points. Completion will count for 4 out of the 8 points. For the other 4 points, I will choose a single problem out of the assignment to grade, and the point values will be assigned according to the rubric below. You will not be told ahead of time which problem I will grade.

Rubric

Point Value	Letter Grade Equivalent	Qualifier
4	A	Complete, correct, and easy-to-follow solution (usually a complete proof is required)
3.5	A-/B+	Minor error, small inaccuracy, or minor writing issue, but generally correct
3	B	Viable strategy present and understanding of problem is clear, but execution is incomplete; or correct argument present, but significant writing issue in presentation
2	C	Attempt shows an understanding of problem and understanding of material, but has not presented enough of a viable argument
1	D	No viable argument, but some indication of a serious attempt. Possibly providing an example exhibiting understanding of the problem.
0	F	No serious attempt presented or a severe lack of understanding of the problem.