

Extra Credit for Exam 1

Extra credit for completion of written problems assigned in the learning goals:

You can obtain up to 5 extra credit points on Exam 1 for completing a significant amount of written problems assigned in the learning goals.

There are 154 problems assigned from section 1.1 through section 2.5. Here is how the extra credit points will be rewarded.

Number of problems completed	Extra credit points
140 or more	5 points
120 to 139	4 points
110 to 119	3 points
90 to 109	2 points
80 to 89	1 point
79 or below	0 point

A problem is considered completed if all of the followings are satisfied

1. An attempt for the solution of the problem is made.
2. The solution is clearly and neatly written. (If the solution is unreadable, the problem will not be counted as being completed)
3. Sufficient details are provided to justify your answers. (Your answer need not be correct)

After you finish grading yourself on homework completion, please fill out part 1 in the assignment report.

Extra credit for successfully solving selected problems:

You can obtain up to another 5 extra credit points for Exam 1 for successfully solving selected problems from the problems assigned in the learning goals.

Please grade the following problems by comparing your solution to the solution provided by the instructor. In each problem, grade yourself using the following rubric:

- **0 points: for no attempt or for unreadable work**
- **1 point: for some attempt**
- **2 points: for a somewhat serious attempt**
- **3 points: for a substantial attempt but lacking all the details**
- **4 points: for a nearly complete and correct solution**
- **5 points: for a neatly written, complete and correct solution and correct solution**

The 10 problems to be graded are: **Section 1.3 Problems 53 and 57. Section 1.4 Problem 65, Section 2.1 Problem 23, Section 2.2 Problem 79, Section 2.3 Problem 59 and 81, Section 2.4 Problem 63, Section 2.5 Problem 37 and 41.**

After you finish grading all these problems using the above rubric, add up all the points you give yourself to obtain your total score on these selected problems. The maximum score is 50. Here is how the extra credit points will be rewarded based on the score you obtain.

Score on selected problems	Extra credit points
45 – 50	5
40 - 44	4
30 - 39	3
20 - 29	2
10 - 19	1
9 or below	0

After you finish grading your solutions of these problems, please fill out part 2 in the assignment report.

Once you finish filling out the homework report, use the assignment report as a cover sheet and **staple it together with all your solutions and turn everything in on the day of Exam 1. If you do not have the assignment report with all details filled out and attached to your solutions, your submission will not be accepted.**

I will collect your assignment report and solutions right before the exam starts. No late submission will be accepted under any circumstance. Any extra credit points you earn from this can be used for Exam 1 and Exam 1 only.

Your score on exam 1 will be computed using the formula:

$\text{Exam 1 score} = \min \{\text{earned score} + \text{extra credit score}, 100\}$
