Instructions and comments for MATH 2242 Problem Sets

Each class day a problem set consisting of four problems is assigned, two of which will be selected to be graded (the same two problems on everyone’s paper).

Each problem that is graded is worth up to 5 points. Grades are assigned according to the following scheme:

5: perfect or near perfect
3: not perfect, because of either errors or incorrect presentation
1: terrible
0: not attempted or no real attempt

Thus every problem set is worth 10 points in all.

On any problem that is graded, I will write the score (5, 3, or 1) in the left margin next to the solution, so that you will know which ones were graded. A very brief note as to what is wrong if the score is a 3 might also be present. At the top of the first sheet the total score will be written as a proportion of 10, for example 8/10 or 10/10.

A problem merits full credit if the final answer and all intermediate steps leading up to it are correct, and if the solution is complete and presented in a logical, well-organized fashion. If I have to try to figure out what your reasoning is, or figure out why what you have written is true, then you will not receive full credit for the solution. Extraneous information not relevant to the solution should not be included.

Submit your work paper measuring $8\frac{1}{2} \times 11$ or close to it, lined or unlined, any color. You may write on both sides of each sheet or on only one side of each sheet. It is important, though, that you present your solutions in the order in which the problems are listed in the assignment, written in order vertically down the page, not side by side.

I suggest that you first work out the solution on another piece of paper, then organize your work, then copy it onto the paper that you submit. In other words, just like you do when you write a paper, first make a rough draft, then the final version that you submit.