

## PHY 350 Homework Grading Rubric

Homework in this course will be graded on a modified 5 point scale summarized below:

<b>Points</b>	<b>Must demonstrate these traits</b>
5	Highly organized, compelling solution statement, complete step-by-step problem solving, sketch(es) when appropriate, correct solution or 1 minor error.
4	Good organization, acceptable solution statement, step-by-step problem solving, sketch(es) when appropriate, correct solution or 1 minor error.
3	Weak organization, minimal solution statement, step-by-step problem solving, missing sketch(es), some minor errors.
1	Weak organization, minimal solution statement, missing steps, missing sketch(es), an attempt was made to solve the problem.
0	No solution statement, no attempt was made to solve the problem.

In order to get a specific number of points, you must demonstrate each of the traits for that point level. In my experience, “typical” solutions would be assigned 4 points.

### **The solution statement**

This is a brief discussion of the problem and solution itself. The goal is to think about what you just did and to summarize key points of the solution effectively in **2 or 3** brief sentences. This should not just be a restatement of the methods that you used, but rather should demonstrate that you actually thought about the physics of the problem. If you can't explain it briefly, then you probably don't understand what you are trying to say!

### **Emphases**

Note the emphasis on organization of the solution and the solution statement. A small error will be tolerated in your solution if it is otherwise highly organized and the solution statement indicates that you are actually thinking about the physics.