Instructions for Hand-in Homework for Physics 1250

There are two parts to the Homework: and 1) Hand-in HW and 2) Online HW. Below is some more information about the Hand-in HW.

Hand-in Homework:
Students will turn in one problem on paper each week **at the beginning of the recitation session**. The submission must include a "grading block" (described below) at the top right of the first page. **Any assignment without the grading block will receive no credit.** The problem will be graded according to the rubric outlined below, focusing on process. The grade for this problem will be **3 points on each assignment**.

Grading Block: This must appear at the top right of the first page of all assignments (e.g. done by hand). It will aid the grader in providing useful feedback to you about the problem-solving processes you are employing.

Rep_____
ID _____
Eq _____
Check _____
Neat_____
Total _____

Final Answer Correct ____(yes/no, not for credit)

Rubric for show-work problem

1) The solution must contain at least 1 appropriate **qualitative** representation (for example, a sketch, a motion diagram, a free-body diagram, a work-energy bar chart, a graph, etc., **NOT** an equation).
2) The solution must contain an identification **in words** of the physical concept being applied (for example, conservation of momentum, kinematics, Coulomb's Law, etc.)
3) The solution must contain a general **algebraic form** (i.e., with no numbers inserted from the problem information) of each basic equation being applied.
4) The solution must include the following to check the reasonableness of the answer a) a check of units. This should be to check whether the unit are consistent/correct for equations along the solution path and for the final answer. b) At least one of the following checks is done, as appropriate: limiting/extreme case, comparing to known quantities within the problem or every-day phenomena, or other significant and reasonable arguments that check the validity of the solution.
5) The solution must be neat (as in handwriting) and easy to follow (as in organized)

Representation:	None present	0
	1 or more present of dubious quality	.5
	1 or more present of high quality	1
Identification:	None present	0
	Identification does not include physical concept ("find x")	.5
	Identification includes known physical concept	1
General Equation:	No equation present without numbers	0
	General equation present	.5
Checking of Answer:	No check present	0
	Checks present, but not appropriate	.25
	Checks present and appropriate	.5
Neat and easy to follow:	Horribly Messy	-1
	Can be followed with some effort	-0.5
	Easy to follow	0