

# Grades

Grade contributions %	
Class participation	10
Labs	25
Home Work	20
Test #1 - #2 - #3 in class	10 - 10 - 10
Final comprehensive test	15
<b>Total above</b>	<b>100</b>
+ Extra-credit clicker quizzes in class	10

From %	To %	Grade
≥ 90.0		<b>A</b>
≥ 86.0	< 90.0	<b>A–</b>
≥ 83.0	< 86.0	<b>B+</b>
≥ 80.0	< 83.0	<b>B</b>
≥ 76.0	< 80.0	<b>B–</b>
≥ 73.0	< 76.0	<b>C+</b>
≥ 70.0	< 73.0	<b>C</b>
≥ 66.0	< 70.0	<b>C–</b>
≥ 63.0	< 66.0	<b>D+</b>
≥ 60.0	< 63.0	<b>D</b>
≥ 55.0	< 60.0	<b>D–</b>
< 55.0		<b>F</b>

Final grade will be calculated by the grading formula above that will be explained in class.  
This will be your final grade in %. No curving!!! No makeup tests!

# More on grade calculation

- Clicker Questions in Class are for Extra-Credit – up to 10% of the final grade
- Your tests will include Extra-Credit problems; you can get 120% (points) per test where only 100% is required. Points above 100% will be kept. This might contribute an additional up to 9% to the final grade.
- A in Lab class means 15% overall 25% credit in class. If Lab grade will be below A the overall contribution will be counted as  $25\% \times \text{fraction of grade}$ . A student with highest score in each Lab section will receive additional 3% extra-credit.
- If your score in HW will be  $>97\%$  you will receive full credit of 20%, otherwise HW grade contribution will be partial.
- Extra-Credit for correcting my essential physics errors in the class presentation slides and in problem formulation/solutions  $\rightarrow +1\%$  E-C.

Thus, your individual final % grade can be more than 100% due to extra-credits Whereas only  $>90\%$  will be required for letter A grade.