

PHY2054_Summer C: Overall Course Grade

Your overall course score is evaluated from the following terms:

$$\text{Overall Score} = \text{Exams} + \text{Quiz} + \text{Homework} + \text{H-ITT}$$

Exams: Your overall exam score is given by

$$\text{Exams} = \left[\frac{E1}{15} + \frac{E2}{15} \right] \times 40 + \left[\frac{\text{Final}}{15} \right] \times 25$$

E1 and E2 are your during term exam scores. The exams will be 15 problems each with one point per problem. Final is the cumulative final exam, which is also 15 problems and is weighted at 25%, giving a total possible exam score of 65 points.

Quiz: There are 8 quizzes, each worth 5 points. We drop 10% of all points, so the formula for quiz points is:

$$\text{Quiz} = \frac{\sum_{i=1}^8 q_i}{0.9 \times 40} \times 25$$

Quiz Score Explanation.

Your quiz scores are summed over all 8 quizzes and divided by the total number of quiz points possible, $8 \times 5 = 40$, minus 10% (forgiveness for illness, missed classes, etc...): $0.9 \times 40 = 36$ and then weighted to count 25% of your overall course score. The maximum quiz score is 20 points.

Homework: Your overall homework score is given by the sum of all of your homework scores divided by 0.9*the total possible homework points then multiplied by 10%. The maximum homework score is 10 points.

H-ITT Extra Credit: H-ITT points are extra and are worth up to 5 points. 20% of the H-ITT points are not counted to allow for transmitter problems and unavoidable absences.

Example of How to Estimate Your Course Score:

Suppose we have completed exams 1 and 2, with your scores being Ex1=12/15, Ex2= 13/15. Also, to date there have been 8 quizzes and your total score is 27 out of 40 possible quiz points and we have had 72 homework problems and your total score is 54. Therefore,

Exams: $[12/15 + 13/15]*20 = 33.333$

Quiz: $[(27)/(0.9*40)] *25 = 18.75$

$54/(0.9*72) = 0.83333 * 10 = 8.333$

Overall Course Score = $33.333 + 18.75 + 8.333 = 60.416$ out of a possible 75. H-ITT and the final can raise your score by *at most* $25 + 5 = 30$.

The grading scale is in the general course information section.