

PHY2054 Overall Course Grade Calculation Fall 2013

Your overall course score (in %) is evaluated from the following terms:

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

Exams: Your overall exam score is given by

$$\text{Exams} = \text{Exam1} + \text{Exam2} + \text{Final}$$

Ex1 and Ex2 are your exam scores as posted on e-Learning (out of a maximum score of 20).. Final is the cumulative final exam, also out of a maximum of 20 points, giving a total possible exam score of 60 points.

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

$$\text{Quiz} = \frac{\sum_{i=1}^{10} q_i}{0.9 \times 50} \times 20\%$$

Quiz Score Explanation.

Your quiz scores are summed over all 10 quizzes and divided by the total number of quiz points possible, $10 \times 5 = 50$, minus 10% (forgiveness for illness, missed classes, etc...): $0.9 \times 50 = 45$ and then weighted to count 20% 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 20%. The maximum homework score is 20 points.

H-ITT Extra Credit: H-ITT points 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, Ex2= 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,

$$\text{Exams: } 12 + 15 = 27\%$$

$$\text{Quiz: } [(27)/(0.9*40)] * 20\% = 15\%$$

$$54/(0.9*72) = 0.83333 * 20\% = 16.67\%$$

Overall Course Score = 27% + 15% + 16.67% = 58.67% out of a possible 80%. H-ITT and the final can raise your score by *at most* $20 + 5 = 25\%$.