

HOW TO CALCULATE YOUR GRADE

The formula for calculating your grade is based on the evaluation criteria listed in the syllabus. Using the criteria below, let's do several examples showing how to calculate your grade at various points in the semester.

Task	% of Course Grade
Assignments	20%
Exam I	25%
Exam II	25%
Final Exam (Cumulative)	30%
Total	100%

Example 1 - Calculating the final grade: Using the criteria above, the formula for the final grade would be:

$$\frac{0.20 * (\textit{Assignment Score}) + 0.25(\textit{Exam I score}) + 0.25 * (\textit{Exam II score}) + (0.30) * (\textit{Final Score})}{1}$$

If you are interested in calculating your grade in the middle of the semester, you would divided by the percent of the class completed up to that point.

Example 2 - Calculating the grade after Exam I: If you are interested in calculating your grade after Exam I you would use the following:

$$\frac{0.20 * (\textit{Assignment Score}) + 0.25(\textit{Exam I score})}{0.45}$$

The 0.45 in the denominator comes from the fact that after exam one, only 45% of the course is complete: 20% from the assignment category and 25% from Exam I

Example 3 - Calculating the grade after Exam II: To calculate your grade after Exam II you would use:

$$\frac{0.20 * (\textit{Assignment Score}) + 0.25(\textit{Exam I score}) + 0.25 * (\textit{Exam II score})}{0.70}$$

The 0.70 in the denominator comes from the fact that after Exam II, 70 % of the course is complete: 20% from assignments, plus 25% from Exam I, plus 25% from Exam II.

If the criteria from the syllabus were instead:

Task	% of Course Grade
Assignments	15%
Quizzes	15%
Write-ups	20%
Mid-Term Exam	25%
Final Exam (Cumulative)	25%
Total	100%

You would use a similar formula with adjustments for the weights being different

Example 4 – Calculating the final grade with alternate weights:

$$\frac{0.15 * (\textit{Assignment Score}) + 0.15(\textit{Avg Quiz \%}) + 0.20 * (\textit{Avg. Writeup \%}) + (0.25) * (\textit{Midterm Score}) + 0.25 * (\textit{Final Score})}{1}$$

Example 5 – Calculating the mid-term grade with alternate weights:

$$\frac{0.15 * (\textit{Assignment Score}) + 0.15(\textit{Avg Quiz \%}) + 0.20 * (\textit{Avg. Writeup \%}) + (0.25) * (\textit{Midterm Score})}{0.75}$$