

How to Calculate Your Course Grade:



Physics 205: Origin of the Universe Final Grade

(56.37%)

See Below for how to calculate this Overall Course Percentage.

homework		66.38%
Homework #1 [Statistics]	90.00%	
Homework #2 [Statistics]	85.00%	
Homework #3 [Statistics]	78.00%	
Homework #4 [Statistics]	25.00%	
Homework #5 [Statistics]	67.00%	
Homework #6 [Statistics]	80.00%	
Homework #7 [Statistics]	56.00%	
Homework #8 [Statistics]	50.00%	

Homework Average (all 8 scores)

reading quizzes		76.20%
Reading Quiz #1 [Statistics]	33.00%	
Reading Quiz #2 [Statistics]	0.00%	
Reading Quiz #3 [Statistics]	67.00%	
Reading Quiz #4 [Statistics]	67.00%	
Reading Quiz #5 [Statistics]	67.00%	
Reading Quiz #6 [Statistics]	100.00%	
Reading Quiz #7 [Statistics]	80.00%	

Reading Quiz Average (Drop 1)
(Drop 2 here, since #7 was XC)

exams		64.00%
Exam #1 [Statistics]	64.00%	
Exam #2 [Statistics]	60.00%	
Exam #3 [Statistics]	68.00%	

Average of all 3 Exams

participation		60.00%
Participation [Statistics]	60.00%	

Participation Score

XC		68.75%
Intro Quiz [Statistics]	0.00%	
Week 6 Survey [Statistics]	100.00%	
Colloquium Quiz I [Statistics]	75.00%	
Colloquium Quiz II [Statistics]	100.00%	

Extra Credit Assignments
(No contribution to final grade calculation here, but added to lowest homework scores).

See the next page to use the sample scores above to calculate overall course grade...

To calculate Overall Course Percentage BEFORE the Final Exam, use the formula:

$$(HW \%) \times 0.4 + (Quiz \%) \times 0.1 + (Exams \%) \times 0.3 + (Participation \%) \times 0.05 = \text{Overall Course Percentage}$$

This formula uses the following grade weights from the course syllabus:

40% from the weekly homework (Mallard quizzes)

10% from the random in-class reading quizzes

30% from the three midterm exams (10% each)

5% from participation

85% total possible (pre-final exam)

The 15% from the final exam is NOT INCLUDED in the formula, since it hasn't been taken yet.

Let's use the scores on the page above as an example:

- 1) The student did all 8 homework assignments for a homework average of **66.38%**. This score already includes the XC listed at the bottom of the page. The Week 6 Survey and the two Colloquium Quizzes altogether added about 30% to the lowest HW score.
- 2) The student's reading quiz average of **76.20%** is made up of the 5 best reading quiz scores. RQ#7 is the extra credit quiz from the planetarium show, and replaces the 0% from RQ#2. After that, the lowest remaining score (33% on RQ#1) is dropped. So, the 76.2% is the average of RQ's 3, 4, 5, 6, and 7.
- 3) The student scored in the 60's on all 3 exams for an average of **64.0%**.
- 4) The student earned a participation score of **60.0%**.

So, using the formula:

$$(66.38 \%) \times 0.4 + (76.2 \%) \times 0.1 + (64.0 \%) \times 0.3 + (60.0 \%) \times 0.05 = 56.37$$

This total is out of a possible maximum of 85% up to this point in the course. Since the final exam is worth 15%, a perfect 100% on the final would add $(100\%) \times 0.15 = 15.0$ to the current total, giving a course total of 71.37% (probably a C). Getting a 70% on the final exam would add $(70\%) \times 0.15 = 10.5$ to the current total giving a course total of 66.87% (probably a D).

You can use this method to see what you are getting in the course right now, and what score you need on the final exam to achieve a certain total course percentage.

Good luck!!