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[All Faculty/Staff] Monday Moodle Tips: Grade Calculations
1 message

Elayne Kuletz <kuletze@wou.edu>   Mon, Nov 10, 2014 at 8:56 AM
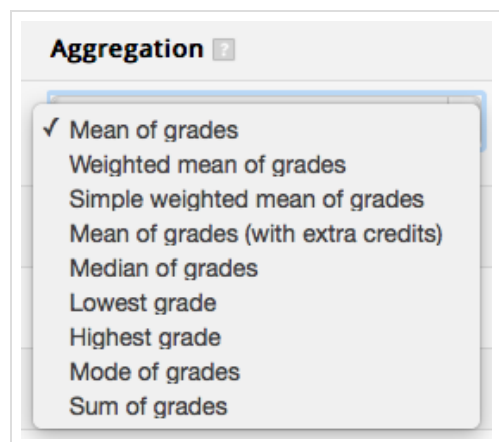To: allfacstaff@wou.edu
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Grade Calculations

Posted on **November 10, 2014**

Do you use Moodle to calculate and share student grades? If so, you probably already know that your students' course and category totals can be calculated in a number of different ways:

However, you might also know that Moodle doesn't provide very helpful explanations for all of these aggregation methods when you click on the "help" icon. This week, we'd like to share the names and more detailed descriptions of the three most popular (and sometimes a little confusing) grade aggregation methods:

Sum of grades
The most popular option, *Sum of grades* simply adds up all grade values in a category or course. The *Maximum grade* for the category will be calculated automatically as a sum of the maximum points possible from all the grade items and/or subcategories within.

Weighted mean of grades

With this option, each category or grade item can be given a weight. The course or category total will be equal to the sum of the scores in each category/grade item, these scores being multiplied by the items' weights, and that sum being finally divided by the sum of the weights, as shown in this image. The *Hamlet quiz* has been given a weight of 5 and all other items have been given a weight of 1.

Grade item	Grade	Range	Percentage
Introduction to English			
✔ **Hamlet Quiz**	8.00 (B-)	0–10	80.00 %
Comparison Paper	72.00 (C-)	0–100	72.00 %
Reflection Question	8.00 (B-)	0–10	80.00 %
x̄ *Course total*	*73.33 (C)*	*0–100*	*73.33 %*

Simple weighted mean of grades

The difference between this and the *Weighted mean of grades* option is that weight is automatically calculated as *Maximum grade – Minimum grade* for each item. For example, a 100 point assignment will have a weight of 100 while a 10 point assignment will have a weight of 10.

Grade item	Grade	Range	Percentage
Introduction to English			
✔ **Hamlet Quiz**	8.00 (B-)	0–10	80.00 %
Comparison Paper	72.00 (C-)	0–100	72.00 %
Reflection Question	8.00 (B-)	0–10	80.00 %
x̄ *Course total*	*102.51 (C+)*	*0–130*	*78.86 %*

Happy Moodling 😁

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