

SMP_Central

Weighting of Tasks - Examples

For each example, a set of sample student marks is given and all tasks are marked in percentages to simplify the examples. Fractional Weighting indicates the value of the task mark in relation to the final mark for the subject.

Example 1: Typical percentage based weighting where weightings total 100. That is, the final exam is worth 40% of the total mark.

The composite mark under this weighting system is 67.25%

Task Number	Task Name	Weighting Allocated	Fractional weighting	Sample Student Marks /100	Weighted Marks
1	Tutorial 1	10	$10/100 = 10\%$	75	7.5
2	Essay 1	10	$10/100 = 10\%$	60	6
3	Mid Semester Exam	15	$15/100 = 15\%$	55	8.25
4	Project	25	$25/100 = 25\%$	78	19.5
5	Final Exam	40	$40/100 = 40\%$	65	26

Example 2: Effect of removing a task

In this example, Essay 1 has been removed after all weightings have been allocated but no other changes have been made.

Because the weightings now total 90, the weightings are no longer simple percentages. The final exam is now worth 40/90 (44.4%) of the total mark and the composite mark is now 68.06%.

Task Number	Task Name	Weighting Allocated	Fractional weighting	Sample Student Marks /100	Weighted Marks
1	Tutorial 1	10	10/90 = 11.1% (was 10%)	75	8.33
2	Mid Semester Exam	15	15/90 = 16.7% (was 15%)	55	9.17
3	Project	25	25/90 = 27.8% (was 25%)	78	21.67
4	Final Exam	40	40/90 = 44.4% (was 40%)	65	28.89

Example 3: Weightings total more than 100.

An additional Essay has been added but the weightings have not been recalculated to add up to 100. Total weightings are no longer simple percentages, but fractions of 110.

That is, the final exam is worth 40/110 or 36.4% and the composite mark is 66.59%

Task Number	Task Name	Weighting Allocated	Fractional Weighting	Sample Student Marks /100	Weighted Marks
1	Tutorial 1	10	10/110 (9.1%)	75	6.82
2	Essay 1	10	10/110 (9.1%)	60	5.45
3	Mid Semester Exam	15	15/110 (13.6%)	55	7.5
4	Project	25	25/110 (22.7%)	78	17.27
5	Final Exam	40	40/110 (36.4%)	65	23.64
6	Essay 2	10	10/110 (9.1%)	65	5.91

Version Control Table

Version Control	Date Released yymmdd	Approved By	Amendment
1.0	130905	Trang Nguyen – Specialist, ARD Student Systems	First Released Version. Original information from original SMP Central online pages.