

How to Compute GPA for a Set of Courses

To compute the GPA for a set of courses you must first know the Quality Points corresponding to each letter grade. These are shown in the Table below:

Grade	Quality Points
A	4.0
A-	3.7
B+	3.3
B	3.0
B-	2.7
C+	2.3
C	2.0
C-	1.7
D+	1.3
D	1.0

Given a set of course grades, multiply the quality points corresponding to each grade by the number of credits for each course and add up these products. Divide the result by the total number of credits, and round the result to the nearest hundredth to obtain the GPA for that set of courses.

Example

Course	Credits	Grade
ELE XX1	3.0	C-
ELE XX2	1.0	A
ELE XX3	4.0	B+

Multiply credits times quality points for each course and add the products:

$$(3.0)(1.7) + (1.0)(4.0) + (4.0)(3.3) = 22.3$$

Divide this result by the total number of credits and round to the nearest hundredth to get GPA:

$$\text{GPA} = 22.3/8 = 2.79$$