

HOW TO CALCULATE CGPA

In all of the higher institutions in Nigeria, Cumulative Grade Point Averages is been used to measure Academic Excellence. It is vital that all university students, especially Freshers, study and learn how to calculate their GPA upon release of each semester's result and to also make up the cumulative at the end of every session. Doing this will help you evaluate your academic performance from time to time and improve.

CGPA SCALE IN NIGERIAN UNIVERSITIES

Performance in semester examinations and assessments for courses are classified into letter Grades (from A, B, C, D, E, to F) which represent a range of score or marks a student can obtain. A particular grade point is assigned to these grades, see below.

Marks/Score	Letter Grade	Grade Point (GP)
70% and Above	A	5
60 – 69	B	4
50 – 59	C	3
45 – 49	D	2
40 – 44	E	1
0 – 39	F	0

CALCULATING YOUR GRADE POINT AVERAGE (GPA)

Every Course carries a fixed number of Credit Units (CU) and Quality points (QP) are derived from multiplying the Credit Units (CU) for a course by the Grade Point (GP) earned in that course.

Eg. If in a 3 Credit Unit course, a student scores 63% which is a B with a Grade Point of 4, the Quality points for the student in that course is $3 \times 4 = 12$.

Grade Point Average (GPA) is derived by dividing the Total Quality point (TQP) for the semester by the Total Credit Unit (TCU) for that semester.

Eg. If in a semester, a student earned 56 quality points for 18 Credit Units, the students GPA is $56/18 = 3.11$

Cumulative Grade Point Average (CGPA) is derived by adding the Total Quality Points (TQP) for all semesters to date and dividing by the Total Credit Units (TCU) for all semesters to date.

Eg. If a student earns a QP of 56 for 18 CU in the first semester and earns QP of 67 for 20 CU in the second semester, His CGPA is $TQP/TCU = (56 + 67) / (18 + 20) = 123/38 = 3.24$

Below is a detailed example of how to calculate GPA and CGPA

First Year, First Semester

Course Code	Credit Unit (CU)	Letter Grade	Grade Point (GP)	Quality Point (QP) = CU x GP
APC 100	3	B	4	12
PDP 101	2	C	3	6
APP 102	1	C	3	3
PPA 103	4	B	4	16
AIT 104	5	A	5	25
NTA 105	2	D	2	4
Total	17			66

QP = 66, CU = 17, TQP = 66, TCU = 17

GPA = $QP/CU = 66/17 = 3.88$

First Year, Second Semester

Course Code	Credit Unit (CU)	Letter Grade	Grade Point (GP)	Quality Point (QP) = CU x GP
APC 106	5	E	1	5
PDP 107	4	D	2	8
APP 108	5	B	4	20

AIT 109	3	F	0	0
NTA 110	3	A	5	15
Total	20			48

$QP = 48, CU = 20, TQP = 66 + 48 = 114, TCU = 17 + 20 = 37$

$GPA = QP/CU = 48/20 = 2.40$

$CGPA = TQP/TCU = 114/37 = 3.08$

NB: This Procedure is repeated for following years until your final year in school (graduation).

CLASS OF DEGREE

CUMMULATIVE GRADE POINT AVERAGE (CGPA)	CLASS OF DEGREE
4.50 – 5.00	First class
3.50 – 4.49	2 nd class Upper
2.40 – 3.49	2 nd Class Lower
1.50 – 2.39	3 rd Class
1.00 – 1.49	Pass

QUICK NOTE:

- You must avoid having F as a Grade in any subject, because it will add zero to your quality point and increases your total credit unit then reduces your GCPA.
- Attending classes, taking proper note participation in quiz, assignments, etc, and having effective preparation for your examination helps your overall performance in any course.
- If the total credit unit for a semester is exhausted (24), then, you have to drop a current course to accommodate any carryover, which in turn (if you have too many Carryovers) may not allow you graduate with you set in record time.

Planning is key to success in any endeavor. Keep succeeding.

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