

Understanding GPA - NCSIS

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How GPA Is Calculated

To calculate a student's GPA, use the following formula:

Cumulative GPA = Sum of GPA Points Earned ÷ Sum of GPA Weights

- **GPA Points Earned** are determined by the GPA Value * GPA Weight (see the following tables).
- **GPA Weight** equals the number of credits attempted, if the score should be counted in GPA. If a score should not be counted in GPA, the GPA weight will be zero.

This method aligns with standard practices used across U.S. high schools and colleges.

For official guidance, refer to [NC State Board of Education Policy GRAD-009](#).

One-Credit Courses

Most high school courses are worth **1 credit** and count in GPA, meaning the **GPA Weight is 1**. Use the chart below to determine GPA points earned based on the score:

Final Score	GPA Value	GPA Points Earned (Value * Weight)
90–100	4.00	4.00
80–89	3.00	3.00
70–79	2.00	2.00
60–69	1.00	1.00
0–59	0.00	0.00

Two-Credit Courses

Some courses (like certain **CTE** classes) are worth **2 credits** and count in GPA. These have a **GPA Weight of 2**. Use the chart below to determine GPA points earned based on the score:

Final Score	GPA Value	GPA Points Earned (Value * Weight)
90–100	4.00	8.00
80–89	3.00	6.00
70–79	2.00	4.00
60–69	1.00	2.00
0–59	0.00	0.00

Courses worth other values

Although rare, courses can be worth credit values other than 1 or 2. If they should be included in GPA, set the **GPA Weight** equivalent to the number of credits a course is worth.

☒ Courses That Do Not Count Toward GPA

Any course that should be excluded from GPA calculations will have the **GPA Weight of 0**. Some examples are:

- **Middle School Courses** for High School credit
- **Credit Recovery (XR)**
- **Pass/Fail (P/F)** courses
- Courses marked **AUD, CDM, WP, or WF**

☒ Sample GPA Calculation

Course	Credits Attempted	GPA Weight	Score	GPA Value	GPA Points Earned
Course 1	1.0	1.0	92	4.0	4.0
Course 2	1.0	1.0	86	3.0	3.0
Course 3	2.0	2.0	78	2.0	4.0
Course 4	0.5	0.5	98	4.0	2.0
Course 5 (CR)	1.0	0.0	P	0.0	0.0

Sum of GPA Points Earned: 13.0

Sum of GPA Weights: 4.5

Final GPA:

$$13.0 \div 4.5 = 2.889$$

Location of Fields in Transcript Record

Student Information > General > Transcript

Scoring Information

Score *			
90			
Weighted GPA Value	Percent	GPA Max	
4.0000	90.000	4.0000	
GPA Weight	Unweighted GPA Value		
1.0000	4.0000		

Transcript Credit Information

Credits Earned *	Credits Attempted *	Credit Type	Credit Overflow Override	
1.000	1.000	ELA		Remove

For more detailed information, please see the [GPA Calculations in Campus | Infinite Campus](#) article.