## How to Calculate Cumulative and Semester Grade Point Average (GPA)

## Calculate Your Semester GPA

| Steps To Calculate Your Semester GPA | Example |
| :---: | :---: |
| 1. Assign your semester grades numerical values: $A=4 \quad B=3 \quad C=2 \quad D=1 \quad F=0$ | If you earn an A in ENGL 463 and C in BIOL 198, ENGL 463 gets 4 points and BIOL 198 gets 2 points. |
| 2. Now multiply that number times the number of credit hours assigned to the course. | ENGL 463: $\mathbf{4} \times \mathbf{3}$ credit hours = $\mathbf{1 2}$ grade points BIOL 198: $\mathbf{2}$ X $\mathbf{4}$ credit hours = $\mathbf{8}$ grade points |
| 3. Add your totals together to get a grade point. | $12($ ENGL 463$)+8($ BIOL 198$)=20$ grade points |
| 4. Now divide the grade point number by your semester credit hours. The result is your GPA for those courses. | ENGL 463 is $\mathbf{3}$ credit hours and BIOL 198 is $\mathbf{4}$ credit hours equaling 7 credit hours. Take the $\mathbf{2 0}$ grade points and divided it by the $\mathbf{7}$ credit hours to equal a 2.85 GPA for the semester. |

## Sample Sequence Semester Example

Let's say you have the below grades from this semester and you are trying to figure out your semester GPA.

| Semester Grades | Semester GPA Calculation |  |
| :---: | :---: | :---: |
| STAT 351: B | STAT 351: $3 \times 3$ hours | $=9$ grade points |
| ACCTG 241: C | ACCTG 241: $2 \times 3$ hours | = 6 grade points |
| MANGT 421: A | MANGT 421: $4 \times 3$ hours | = $\mathbf{1 2}$ grade points |
| ENGL 200: A | ENGL 200: $4 \times 3$ hours | = $\mathbf{1 2}$ grade points |
| K-STATE 8: A | K-STATE 8: $4 \times 3$ hours | $=\frac{12 \text { grade points }}{51 \text { grade points }}$ |

Total earned grade points in semester
Total credit hours taken in semester $=$ Semester GPA
$\frac{51 \text { grade points }}{15 \text { credit hours }}=3.4$ Semester GPA
15 credit hours

## Sample Sequence Cumulative Example:

Let's say you have the below grades from this semester but you are trying to figure out your cumulative GPA. You previously had 191 total grade point and 53 credit hours.

| Semester Grades | Semester GPA Calculation |  |
| :--- | :--- | ---: |
| STAT 351: B | STAT 351:3 $\times \mathbf{3}$ hours | $=\mathbf{9}$ grade points |
| ACCTG 241: C | ACCTG $241: \mathbf{2} \times \mathbf{3}$ hours | $=\mathbf{6}$ grade points |
| MANGT 421: A | MANGT 421:4 4 3 hours | $=\mathbf{1 2}$ grade points |
| ENGL 200: A | ENGL 200: 4 $\times \mathbf{3}$ hours | $=\mathbf{1 2}$ grade points |
| K-STATE 8: A | K-STATE 8: 4 $\times \mathbf{3}$ hours | $=\mathbf{1 2}$ grade points |
|  |  | $\mathbf{5 1}$ grade points |

$\frac{\text { Total earned grade points overall }}{\text { Total credit hours taken overall }}$
Total credit hours taken overall $=$ Cumulative GPA

## Sample Sequence Retake Example:

Let's say you have the below grades from this semester but you are trying to figure out your cumulative GPA. You took ACCTG 241 but received an F and you previously had 191 total grade point and 53 credit hours.

| Semester Grades | Semester GPA Calculation |  |
| :--- | :--- | ---: |
| STAT 351: B | STAT 351:3 3 3 hours | $=\mathbf{9}$ grade points |
| ACCTG 241: C | ACCTG 241: 2 $\times \mathbf{3}$ hours | $=\mathbf{6}$ grade points |
| MANGT 421: A | MANGT 421: 4 $\times \mathbf{3}$ hours | $=\mathbf{1 2}$ grade points |
| ENGL 200: A | ENGL 200: 4 $\times \mathbf{3}$ hours | $=\mathbf{1 2}$ grade points |
| K-STATE 8: A | K-STATE 8: 4 $\times \mathbf{3}$ hours | $=\underline{\mathbf{1 2} \text { grade points }}$ |
|  |  | $\mathbf{5 1}$ grade points |

$\frac{\text { Total earned grade points overall }+ \text { Retake grade points }}{\text { Total credit hours taken overall (do not add in retake course) }}=$ Cumulative GPA

Previous 191 grade points +51 grade points
Previous 53 credit hours +12 credit hours
= 3.72 Cumulative GPA

