

GPA Calculation Steps

Term GPA Calculation

- Term GPA = term points / term credits
- Example (from pictures below)...

Letter Grade	%age	Grade Pts
A	90 - 100	4.0
B+	85 to < 90	3.5
B	80 to < 85	3.0
C+	75 to < 80	2.5
C	70 to < 75	2.0
D+	65 to < 70	1.5
D	60 to < 65	1.0
F	< 60	0
AF		0

Course	Title	Attempted	Earned	Grade
EFFL 1002	Applied & Experiential Learning	3.00	3.00	B+
INFS 1101	Intro to Comp & Prob Solving	3.00	3.00	D
INFT 1201	Computer Hardware	4.00	4.00	B+
MATH 1030	Calculus I	3.00	3.00	C

EFFL 1002: B+ --> 3.5 points x 3 credits = 10.5 points

INFS 1102: D --> 1 point x 3 credits = 3 points

INFT 1201: B+ --> 3.5 points x 4 credits = 14 points

MATH 1030: C --> 2 points x 3 credits = 5 points

TOTAL POINTS: 10.5 + 3 + 14 + 5 = 32.5 points

TOTAL CREDITS: 3 + 3 + 4 + 3 = 13 Credits

TERM GPA = points/credits = 32.5 points / 13 credits = 2.5

cGPA Calculation

- cGPA = total points / total credits
- Example (from picture below – student PeopleSoft View and Advisor PeopleSoft View)...

Student PeopleSoft View

Winter 2024 Change

Course History

View Grades

View Unofficial Transcript

View My Assignments

Transfer Credits

My Advisors

Apply for Graduation

Attendance and Grades

View Grades

Term GPA 0.000

Cumulative GPA 3.833

Class	Units
ACCT 3010	3.00
ACCT 4001	3.00
ACCT 4005	3.00
ACCT 4007	3.00
BUSG 4101	3.00

Cumulative GPA Details

Total Grade Points	/	Total Units Taken	=	GPA
310.500		81.000		3.833

Units Counted Towards GPA:

	From Enrollment
Taken	81.000
Passed	81.000
In Progress	15.000

Faculty PeopleSoft View

BUSG 4101-4 (1094)	Practicum in Business (Laboratory)	Non-Graded Component	✔
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▼ **Statistics**

	From Enrollment	Combined Term Total	Cumulative Total
Units Toward GPA:			
Taken			81.000
Passed			81.000
In Progress	15.000	15.000	15.000
Units Not for GPA:			
Taken			
Passed			
In Progress			
GPA Calculation			
Total Grade Points			310.500
/ Units Taken Toward GPA			81.000
= GPA			3.833

○ cGPA = total points / total credits = 310.5/81 = 3.833



Term Goal GPA Calculation (based on a goal cGPA)

Basic Formula:

$$\frac{(\text{Total Points Earned so Far} - \text{Points Earned by Courses being Repeated}) + \text{term credits (x)}}{\text{Completed credits} + \text{new credits}} \geq \text{goal GPA}$$

Note: Do not count repeated course credits in the “new credits.”

Note 2: x = term GPA

Case 1: No repeated courses

- In this case, there is nothing to subtract (no red part of the formula)
- In this case, all credits from the term are counted as they are all new credits (green part of the formula)

Case 2: Repeat of an F or AF grade

- In this case, there is nothing to subtract (no red part of the formula) as no points are earned for an F
- In this case, only new credits are counted (do not count the credits for the repeated F course)

Case 3: Repeat of a D grade

- In this case, subtract 1 point for each of the credits of the previous course that received a D that is being repeated.
- In this case, only new credits are counted (do not count the credits for the repeated D course)

Case 4: Repeat of a D+ grade

- In this case, subtract 1.5 points for each of the credits of the previous course that received a D+ that is being repeated.
- In this case, only new credits are counted (do not count the credits for the repeated D+ course)

Case 5: Repeat of a mixture

- In this case, subtract the previously earned points for each of the courses being repeated.
- In this case, only new credits are counted (do not count the credits for any of the repeated courses (only count the credits for the new courses))



Example: What term GPA does this student need to get in Winter 2024 to get his cGPA to a 2.0?

Fall 2023

Course	Title	Attempted	Earned	Grade
COMM 1020	English Communication II	3.00	3.00	C+
INFS 1101	Intro to Comp & Prob Solving *	3.00	0.00	F
INFT 1201	Computer Hardware *	4.00	0.00	F
MATH 1030	Calculus I *	3.00	0.00	F

Winter 2024

Course	Title	Attempted	Earned
EFFL 1002	Applied& Experiential Learning	3.00	3.00
INFS 1101	Intro to Comp & Prob Solving	3.00	3.00
INFT 1201	Computer Hardware	4.00	4.00
MATH 1030	Calculus I	3.00	3.00

Answer:

Fall 2023, the student earned 7.5 points (from the C+ in COMM 1020). Their term GPA was $7.5 / 13 = 0.58$

In Winter 2024, the student is choosing to repeat three failed courses, so we will not count those credits again. We want to know what term GPA he needs to get his cGPA above a 2.0.

The student needs:

$$\frac{(\text{Total Points Earned so Far} - \text{Points Earned by Courses being Repeated}) + \text{term credits (x)}}{\text{Completed credits} + \text{new credits}} \geq \text{goal GPA}$$

$$\frac{(7.5 - 0) + 13x}{13+3} \geq 2.0$$

$$7.5 + 13x \geq 32$$

$$13x \geq 24.5$$

$$x \geq 1.88$$

So, this student needs a term GPA of 1.88 to get his cGPA above a 2.0.



Predicted cGPA Calculation (based on possible course grades for the current, not yet finished, term)

- CGPA Formula:

$$\frac{\text{Previously Earned Points} + \text{This Term's Points}}{\text{Previously Completed Credits} + \text{This Term's NEW Credits}} = \text{New cGPA}$$

- From the student example above, let's assume that the student believes that they can get the following grades (see below). If they get those grades in the Winter 2024 term, what will their cGPA be at the end of the term?

Fall 2023

Course	Title	Attempted	Earned	Grade
COMM 1020	English Communication II	3.00	3.00	C+
INFS 1101	Intro to Comp & Prob Solving *	3.00	0.00	F
INFT 1201	Computer Hardware *	4.00	0.00	F
MATH 1030	Calculus I *	3.00	0.00	F

Winter 2024

Course	Title	Attempted	Earned
EFFL 1002	Applied& Experiential Learning	3.00	3.00
INFS 1101	Intro to Comp & Prob Solving	3.00	3.00
INFT 1201	Computer Hardware	4.00	4.00
MATH 1030	Calculus I	3.00	3.00

Predicted Grades:

EFFL 1002: B+

INFS 1101: C

INFT 1202: D+

MATH 1030: C+

CGPA result if the student receives the predicted grades:

EFFL 1002: B+ --> 3.5 points x 3 credits = 10.5 points

INFS 1101: C --> 2 points x 3 credits = 6 points

INFT 1202: D+ --> 1.5 points x 4 credits = 6 points

MATH 1030: C+ --> 2.5 points x 3 credits = 7.5 points

TOTAL Points for This Term: 10.5 + 6 + 6 + 7.5 = 30 points

TOTAL Credits for This Term: 3 + 3 + 4 + 3 = 13 credits

NEW Credits for This Term: 3 credits

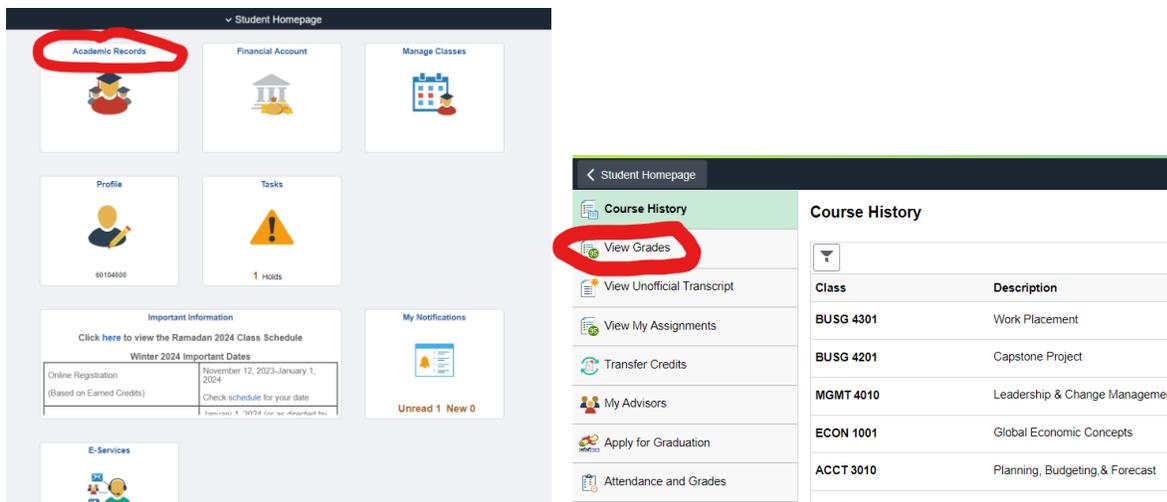
$$\frac{\text{Previously Earned Points} + \text{This Term's Points}}{\text{Previously Completed Credits} + \text{This Term's NEW Credits}} = \text{New cGPA}$$



$$\frac{7.5 + 30}{13+3} = \frac{37.5}{16} = 2.34$$

The student's predicted cGPA at the end of this term, based on the predicted grades, is 2.34.

Where Can a Student Find their Earned Points and Earned Credits?



Winter 2024 [Change](#)
Credit

View Grades

Term GPA	0.000
Cumulative GPA	3.833

Class	Units	Grading
ACCT 3010	3.00	60% and Letter Grade
ACCT 4001	3.00	60% and Letter Grade
ACCT 4005	3.00	60% and Letter Grade
ACCT 4007	3.00	60% and Letter Grade

الخدمات المركزية الطلابية
Student Central Services

Academic Advising Unit

شؤون الطلبة
Student Affairs

جامعة الدوحة
للعلوم والتكنولوجيا
UNIVERSITY OF DOHA
FOR SCIENCE & TECHNOLOGY



Winter 2024 Change
Credit

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