

Blackboard Learn – Using Calculated Columns (Examples Using Grading Rubrics)

By default the **Total** and **Weighted Total** columns are listed in the **Grade Center**. Others can be manually created by the Instructor. Instructors can choose to release (show/hide) columns to students.

You can use calculated columns to do the following:

- | | |
|--|--|
| <ul style="list-style-type: none">• Calculate the average grade• Calculate a minimum or maximum grade | <ul style="list-style-type: none">• Calculate the total grade• Weight grades by column, category, or both |
|--|--|

Total Column - By default, the Total column displays a running total of the items in all grade columns. You can edit the criteria for the Total column. You can use the Total Column (selecting categories) to drop grades.

Following Example:

All Grade Columns and Calculate Running Total (will include hidden columns in Total Points).

Total Points = 363 but included extra points column – now calculated as 365

SELECT COLUMNS

Include in Total All Grade Columns
 Selected Columns and Categories

Calculate as Running Total Yes No

A running total only includes items that have grades or attempts.

OPTIONS

Include this column in Grade Center calculations Yes No

Show this column to students Yes No

Note: You can use Total Column to drop a grade:

Category: Test

Category: Discussion

Category: Assignment

***Also used to drop lowest in category, etc.**

Category: Assignment

Drop Grades **OR** Use only the

Drop Highest Lowest Value to Calculate

Grades Drop 1 Lowest Highest Value to Calculate

<input checked="" type="checkbox"/> DROPPED ASSIGNMENT	<input checked="" type="checkbox"/> TOTAL POINTS
255.00	260.00

Name	Points Possible
<input type="checkbox"/> Extra Points (Hidden)	2
<input checked="" type="checkbox"/> Total Points (External Grade)	365 (may vary by student)

Name	Grading Period	Category	Points Possible
<input type="checkbox"/> Extra Points (Hidden)	Not in a Grading Period	Extra Points	2
<input checked="" type="checkbox"/> Total Points (External Grade)	Not in a Grading Period	Calculated Grade	365 (may vary by student)
<input checked="" type="checkbox"/> Attendance	Not in a Grading Period	Attendance	100
<input checked="" type="checkbox"/> Introductions	Not in a Grading Period	Discussion	10
<input checked="" type="checkbox"/> Upload File	Not in a Grading Period	Assignment	5
<input checked="" type="checkbox"/> Intro Assignment	Not in a Grading Period	Assignment	5
<input checked="" type="checkbox"/> Assignment Essay 1	Not in a Grading Period	Assignment	5
<input checked="" type="checkbox"/> Assignment Essay 2	Not in a Grading Period	Assignment	5
<input checked="" type="checkbox"/> 12345 TRN 100 Instructor Valerie McCombs Participation Verification	Not in a Grading Period	Test	3
<input checked="" type="checkbox"/> Tackling Technology Quiz	Not in a Grading Period	Test	30
<input checked="" type="checkbox"/> Midterm	Not in a Grading Period	Test	100
<input checked="" type="checkbox"/> Final Exam	Not in a Grading Period	Test	100

A calculated column uses the data from two or more grade columns to make a calculation.

Create Calculated Column ▾

- Average Column
- Minimum/Maximum Column
- Total Column
- Weighted Column

Weighted Total (default column) - can create a calculated column that weighs the data in grade or category columns. A Weighted Grade is a Calculated Column that displays the calculated result of quantities and their respective percentages.

* 20 % **Category:** Discussion

* 30 % **Category:** Assignment

* 50 % **Category:** Test

You can also use weighted column to drop a grade:

* 30 % **Category:** Assignment

Weight Columns: Equally Proportionally

Drop Grades **OR** Use only the

Drop Highest Lowest Value to Calculate

Grades Highest Value to Calculate

Drop 1 Lowest

Grades

Rubrics: You can associate and view a rubric while grading student submissions. From the Grade Details page, click View Rubric. The rubric will open in a new window so that you can view it and student submissions.

Grade Center Name:

Primary Display:

Category:

* Points Possible:

Associated Rubrics:

Show Rubric to Students

Name	Type	Show Rubric to Students
Discussion Participation Points	Used for Grading	No

Discussion Participation Points

Criteria	Levels of Achievement		
	Need Improvement	Meet Expectations	Exceptional
Quality of Posting	10 Points Postings are not relevant to the questions posed.	15 Points Postings reflect the reading and some outside source material but outside source material not cited.	25 Points Postings reflect the readings and outside information with proper outside source material citation.
Quality of Reply	10 Points (10 points) Response not relevant to original posting	15 Points Response relevant to posting but fails to support position.	25 Points Response relevant to posting and supports position with factual information.
Understanding of	10 Points Responds to the question posted but does not mention materials from the readings.	15 Points Responds to the question posted and makes reference to readings.	25 Points Responds to question posted and demonstrates understanding of material and outside source material and properly cites information.
Proper Etiquete and Spelling	10 Points Bad language.	15 Points Proper grammer used.	25 Points Exceptional grammer and full sentences.

Total Column - Grading Rubric: Discussions, Assignments, Quiz, Mid Term, Final = **260 Total Points**

Discussion	10
Assignments (4)	5 x 4 = 20
Quiz	30
Mid Term	100
Final	100

Grade Center Column Organization

Name	Category	Points Possible
Introductions	Discussion	10
Upload File	Assignment	5
Intro Assignment	Assignment	5
Assignment Essay 1	Assignment	5
Assignment Essay 2	Assignment	5
Tackling Technology Quiz	Test	30
Midterm	Test	100
Final Exam	Test	100

TOTAL POINTS

260.00

Edit Column Information

*Select either by Columns or Categories

SELECT COLUMNS

Include in Total All Grade Columns Selected Columns and Categories

Columns to Select:

- Introductions
- Upload File
- Intro Assignment
- Assignment Essay 1
- Assignment Essay 2
- Tackling Technology Quiz

Selected Columns:

Column: Introductions

Column: Upload File

Column: Intro Assignment

Column: Assignment Essay 1

Column: Assignment Essay 2

Column: Tackling Technology Quiz

Column: Midterm

Column: Final Exam

Categories to Select:

- Survey
- Blog
- Journal
- Self and Peer
- Assignment
- Test
- Category Information

Selected Columns:

Category: Test

Category: Discussion

Category: Assignment

Grades

Drop 1 Lowest

Below the gray box, select "no" in the *Calculate as Running Total* section.

Calculate as Running Total Yes No

DROPPED ASSIGNMENT TOTAL POINTS

255.00 260.00

Weighted Total Column – (Must equal 100%) + Drop Lowest Grade

Discussions, Assignments, Quiz, Mid Term, Final = **260 Total Points**

Discussion	10	20 % weighted
Assignments (4) *Drop Lowest Grade	5 x 4 = 20	30 % weighted
Quiz	30	50% weighted
Mid Term	100	
Final	100	

*Select Categories and enter Percentage (make sure all items listed in a Category in the Grade Center)

Drop a grade (example Assignments) + Weighted Percentage

Total Grading Rubric Using Attendance Tool

Attendance + Participation Quiz + Discussion + Assignments + Assessments = **363 Total Points**

Attendance	100
Discussion	10
Assignments (4)	5 x 4 = 20
Participation Quiz	3
Quiz	30
Mid Term	100
Final	100

Name ▾	Grading Period	Category ▾	Points Possible ▾
Attendance	Not in a Grading Period	Attendance	100
Introductions	Not in a Grading Period	Discussion	10
Upload File	Not in a Grading Period	Assignment	5
Intro Assignment	Not in a Grading Period	Assignment	5
Assignment Essay 1	Not in a Grading Period	Assignment	5
Assignment Essay 2	Not in a Grading Period	Assignment	5
12345 TRN 100 Instructor Valerie McCombs Participation Verification	Not in a Grading Period	Test	3
Tackling Technology Quiz	Not in a Grading Period	Test	30
Midterm	Not in a Grading Period	Test	100
Final Exam	Not in a Grading Period	Test	100

 **TOTAL POINTS**

363.00

Name ▾	Points Possible ▾
Total Points (External Grade)	363 (may vary by student)

Total Column Grading Rubric Using Attendance Tool Weighted Grading

Attendance + Discussion + Assignments + Quiz + Mid Term + Final = **420 Total Points**

Attendance	100	5%
Discussion	10	15 % weighted
Assignments (4)	20 x 4 = 80	30 % weighted
Quiz	30	50% weighted
Mid Term	100	
Final	100	

The screenshot shows a software interface for setting up a grading rubric. On the left, under 'Categories to Select:', there is a list of categories: Survey, Blog, Journal, Self and Peer, Assignment, Test, and Category Information. A red arrow points to the 'Test' category, and a red box highlights the right-pointing arrow button next to it. On the right, under 'Selected Columns:', there are four items, each with a red box around a number and an orange star icon: '5 % Category: Attendance', '15 % Category: Discussion', '30 % Category: Assignment', and '50 % Category: Test'.