Grades

To access the Grades area in your Joule course, click on the Grades link in the administration block in your course. Be sure to Turn editing on in the upper right-hand corner of the Grader Report.

1. View
   
   Grader Report
   Shows all student grades in the roster. This is also where you can enter grades manually.
   
   User report
   Shows grades, ranges, feedback, and course total for an individual student (this is what a student will see in their grades).

2. Categories and Items
   
   Simple View
   Allows you to add and edit grade items and categories, set up calculation methods.
   
   Full View
   Provides extra settings for calculations.

3. Scales
   
   View and create non-numeric ways of evaluating student performance.

3. Letters
   
   Allows viewing and editing the grade letter scale.

4. Import
   
   Can be used to import grades instead of entering them manually one by one in the Grader Report.

5. Export
   
   Allows exporting grades and saving them locally.

6. Settings
   
   Determines how the grades and reports appear for all participants in the course.

7. My Preferences
   
   Allows you to change the display of your Grader Report.
### Settings

Course settings determine how the gradebook appears for all participants in the course.

#### Aggregation position

Determines where the total column appears on the User Report and at the Categories and items tab.

#### Grade display type

Sets how grades will be displayed in your Grader Report. You can also later edit individual items and columns and set them to display grades in any format.

#### Show percentage

Determines whether to show the percentage value of each grade item.

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Add categories for grades

In the Administrative Block, click on Grades

1. Click on the Categories and items tab
2. Scroll to the bottom of the screen and click on the Add category button
3. Fill in the Category name and the Aggregation (Calculation) method:
   a. Mean of grades
      The sum of all grades divided by the total number of grades.
   b. Weighted mean
      Each grade item can be given a weight, which is then used in the arithmetic mean aggregation to influence the importance of each item in the overall mean.
   c. Simple weighted mean
      The difference from Weighted mean is that weight is calculated as Maximum grade - Minimum grade for each item. 100 point assignment has weight 100, 10 point assignment has weight 10.
   d. Arithmetic mean with a twist.
      An old, now unsupported aggregation strategy provided here only for backward compatibility with old activities.
   e. Median of grades
      The middle grade (or the mean of the two middle grades) when grades are arranged in order of size. The advantage over the mean is that it is not affected by outliers (grades which are uncommonly far from the mean).
   f. Smallest grade
      The result is the smallest grade after normalisation. It is usually used in combination with Aggregate only non-empty grades.
   g. Highest grade
      The result is the highest grade after normalisation.
   h. Mode of grades
      The mode is the grade that occurs the most frequently. It is more often used for non-numerical grades. The advantage over the mean is that it is not affected by outliers (grades which are uncommonly far from the mean). However it loses its meaning once there is more than one most frequently occurring grade (only one is kept), or when all the grades are different from each other.
   i. Sum of grades
      The sum of all grade values. Scale grades are ignored. This is the only type that does not convert the grades to percentages internally (normalisation). The Maximum grade of associated category item is calculated automatically as a sum of maximums from all aggregated items.
Add grade items

1. If you create an assignment on the Joule homepage, Joule will automatically create the grade column for you.

2. To add items manually:
   - In the Administrative Block, click on Grades
   - Click on the Categories and items tab
   - Scroll to the bottom of the screen and click on the Add grade item button
   - Enter the Grade Item Name, Grade Type and Maximum or Minimum grade, if necessary

3. If using categories, choose the category in which to place the grade item.

4. Click Save changes.