



Week 5

Grading

DSC 95, Spring 2025 at UC San Diego

Agenda

- Grading.

Announcements:

- This week's homework:
 - [Discover the best approach.](#)
 - Host your session and submit reflection on Gradescope by Friday.
 - Grading practice, also on Gradescope.

Grading

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 - Whether they understand the concepts.
 - How they are doing, absolutely and relatively.
 - What they need to know.

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 - What they need to know.
- An indicator to instructors.
 - Is teaching working?
 - Are students following?
 - What do students struggle with?

Questions

- What are all the goals of grading you can think of?
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-

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Example feedback

This looks like the right level of detail in your explanations, with the exception of the median property in problem 2 - that should be more detailed. Also, you might want to try using the provided LaTeX template on the course website. You'll get your pictures where you want them :) Overall, good work!

Overall it looks like you should include more detail in your explanations. Here are some specific suggestions:

For problem 1, it's better to give a concrete counterexample. Your explanation just kind of says "there could be a data set where this is not true" but it's more convincing if you can find one such dataset.

For problem 2, parts a through c are all about the specific function $f(x) = 2x - 5$. You seem to be attempting a more general proof, but you need to use this specific function, because the statements are not necessarily true for all functions f .

Problem 2d should not use a specific data set. Your proof needs to be more general.

Problem 3c says the function is minimized there because it's the minimum on the graph, which is kind of circular logic. Instead, can you say *why* the graph's minimum is there?

Rubric Creation: Pitfalls

- What are some pitfalls to watch out for when developing a rubric or a grading script?

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 - Generally, the rubrics should be informative enough for students to understand **why** they lost points.
- When in doubt, check with the instructor – it’s better to check while grading than it is to have to regrade 200+ submissions after grading.

Gradescope shortcuts

See [here](#).

The screenshot shows the Gradescope interface for a question titled "Q1. Calculus". The question text is "Q1.1 [3pt] What is the integral of x^2 ". The interface includes a sidebar on the left with navigation icons, a top bar with "Full Page" and "Question Only" tabs, and a right sidebar with question details and a rubric. The bottom bar shows the submission status "Submission: 5 of 20".

Shortcuts labeled on the interface include:

- J**: Previous Page
- K**: Next Page
- Shift + R**: Rotate
- F**: Zoom Out
- G**: Zoom In
- A**: Submissions Index
- .**: Next Question
- ,**: Previous Question
- 0 9**: Select Rubric Item
- Previous Submission**: Previous Submission
- Next Submission**: Next Submission
- Z**: Next Ungraded Submission

Gradescope answer grouping

See [here](#).



Sample rubrics

⋮ 1 +2.0

Correct: `np.percentile(boot_estimates, 14)`

Also accept: `np.percentile(boot_estimates, 0.14)`

Also accept: reversing the order of the arguments

⋮ 2 +1.0

Partial: used `np.percentile` with `boot_estimates`

⋮ 3 +1.0

Partial: used `14` or `0.14` in `np.percentile`

⋮ 4 +0.0

Incorrect or omitted

⋮ 1 +4.0

Correct proof

⋮ 2 +1.0

Correctly use definition of minimizer

⋮ 3 +1.0

Correctly applied multiplication property of inequalities with constant c

⋮ 4 +1.0

Reversed the inequality sign

⋮ 5 +1.0

Raised both sides as powers of e

⋮ 6 +0.0

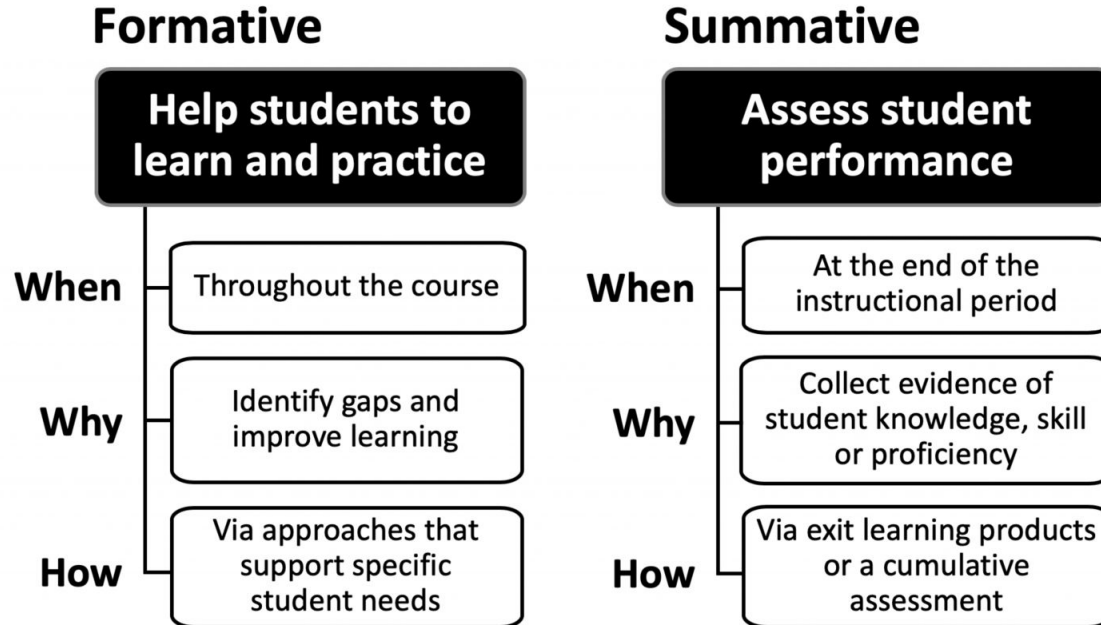
Incorrect or omitted

Handling regrade requests

- What is the process in your educational team for handling regrade requests?
- Why would a student request a regrade? How should you handle it?

Formative vs. summative assessments

- Grading and rubrics should always be considered in the context of the assignment's purpose.



Exam grading

- How is exam grading different from assignment grading?