

Faculty Technology Summit 2019

Gradescope

Alexis Stein, Assistant Professor of Instruction, Biology

585-275-3848

alexis.stein@rochester.edu

Jason Wagner, Assistant Director, AS&E Instructional Technology Services

585-275-0517

jason.wagner@rochester.edu



What is Gradescope?

[Pricing](#)[Get a Demo](#)[Help Center](#)[Sign Up](#)[Log In](#)

EXAMS



HOMEWORK



CODE



Grade All Coursework in Half the Time

Gradescope streamlines the tedious parts of grading paper-based, digital, and code assignments while providing insights into how your students are doing.

[Sign Up for Free](#)[Get a Demo](#)

UNIVERSITY *of* ROCHESTER

<https://www.youtube.com/watch?v=LhTYHi1GG9c>



Tips for scanning and exam design

- Exam Design:
 - Name and Student ID areas
 - Be smart with stapling
 - Use an answer box
- Scanning:
 - High speed options now available
 - Use best practices for the device you choose



1. The concrete column is reinforced using four steel reinforcing rods; each having a diameter of 18 mm . An axial load of 800 kN is applied to the column. The column is 1 m in length. $E_{\text{steel}} = 200\text{ GPa}$, $E_{\text{concrete}} = 25\text{ GPa}$. Note, complete all calculations neatly on following page enter results in boxes below.

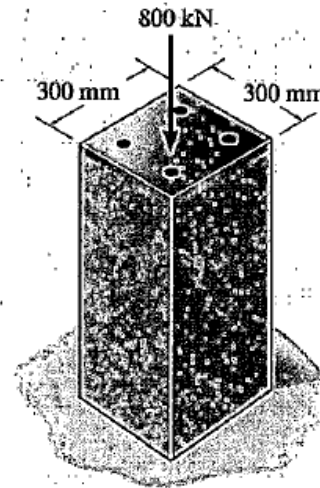


Figure 1: Figure of Q.1

Determine:

- (a) (10 points) The normal stress in the concrete.

- (b) (5 points) The normal stress in the steel.

- (c) (5 points) The displacement of the top surface.

- (d) (10 points) Determine the diameter of the rods such that $1/4$ of the load will be carried by the steel and $3/4$ by the concrete.

How does this work?

- Connect Gradescope and Blackboard
 - Instructors & course rosters automatically associate
- Upload the scanned key & define answer boxes
- Create a rubric
- Upload exams, process and start grading



Additional benefits:

- Consistent grading and feedback
 - SA has campaigned for this
- Prevents students from changing exams
 - Improves re-grade request process
- Return graded exams quickly and securely



Gain Question Level Insight

gradescope

< Back to Course

Midterm 2

- ✓ Edit Outline
- ✓ Manage Scans
- ✓ Manage Submissions
- ✓ Grade Submissions
- ✓ Review Grades

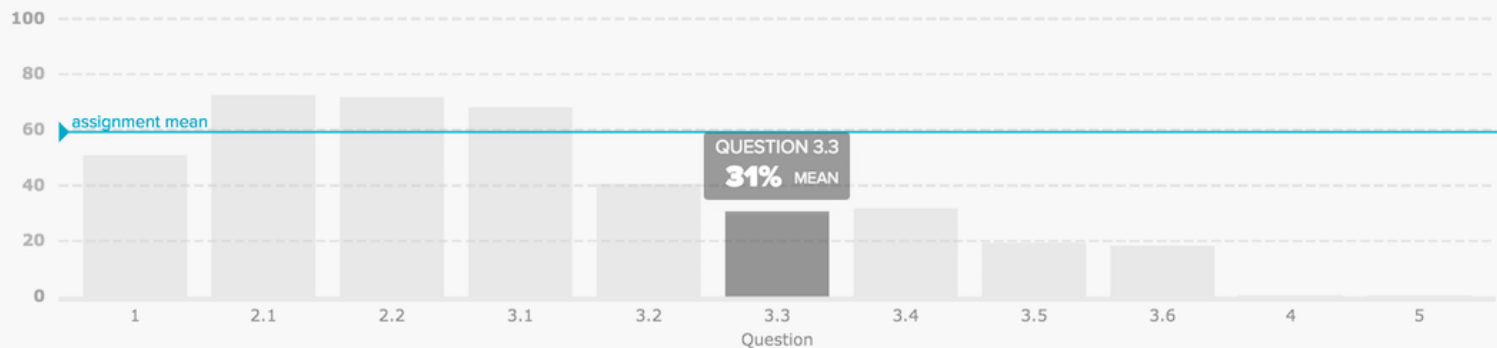
🔄 Regrade Requests

📊 Statistics

⚙️ Settings

Assignment Statistics

Show Questions Show Tags



Midterm 2 50.0 points

MINIMUM

10.0%

MEDIAN

58.0%

MAXIMUM

110.0%

MEAN

59.1%

STD DEV

20.1%

QUESTION

POINTS

MEAN

1: ok --submit

12 points

50%

WWPP OOP Lists

2: Exercises

14 points

Sergey Karayev



UNIVERSITY of ROCHESTER

Thank you for listening. Any questions?

