Faculty Technology Summit 2019
Gradescope

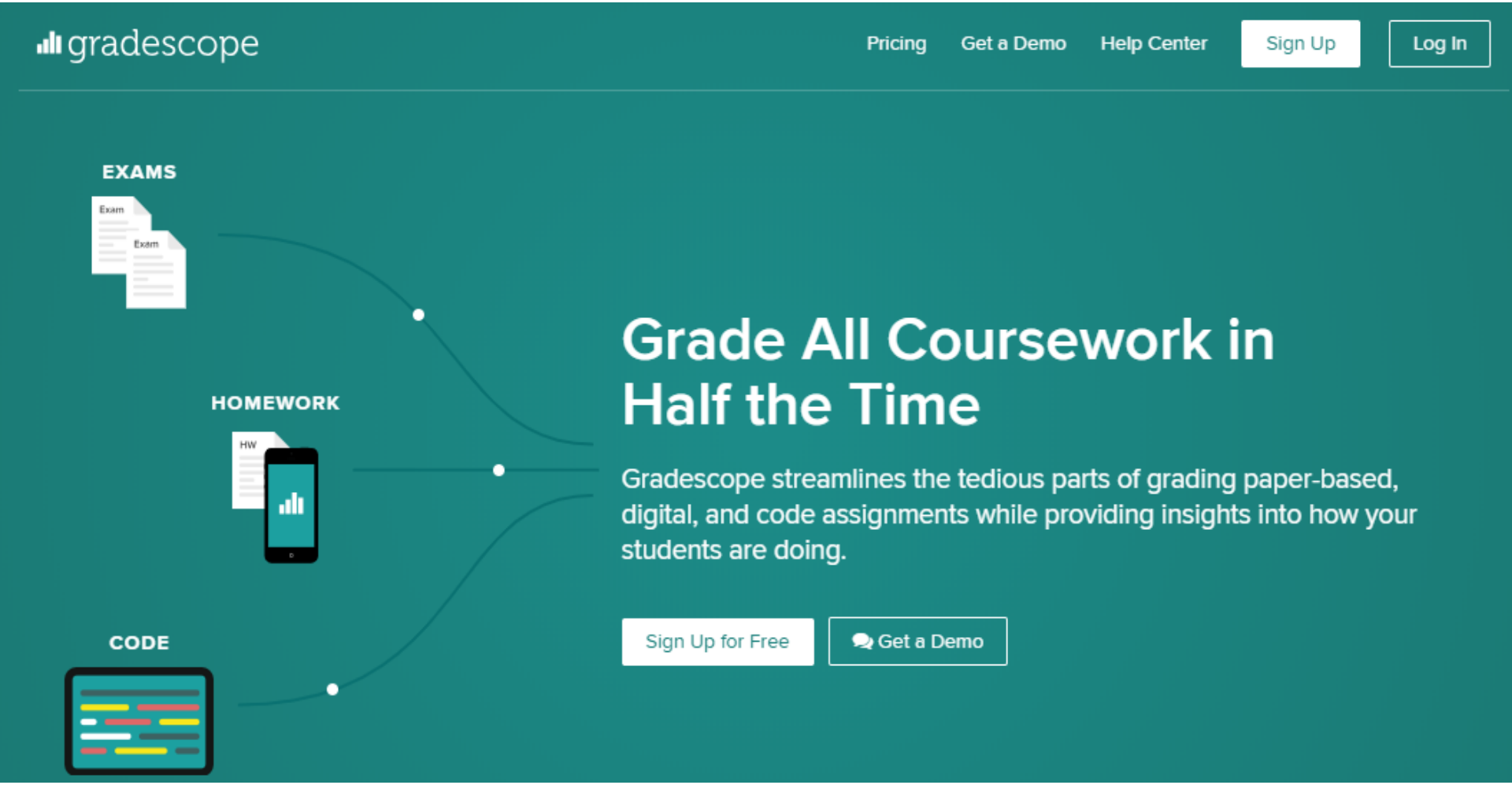
Alexis Stein, Assistant Professor of Instruction, Biology

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?



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 $18mm$. An axial load of $800kN$ is applied to the column. The column is $1m$ in length. $E_{steel} = 200GPa, E_{concrete} = 25GPa$ Note, complete all calculations neatly on following page enter results in boxes below.

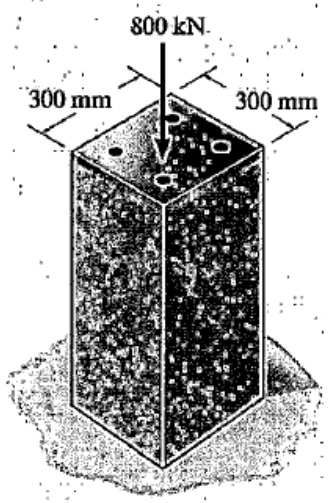


Figure 1: Figure of Q.1

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.

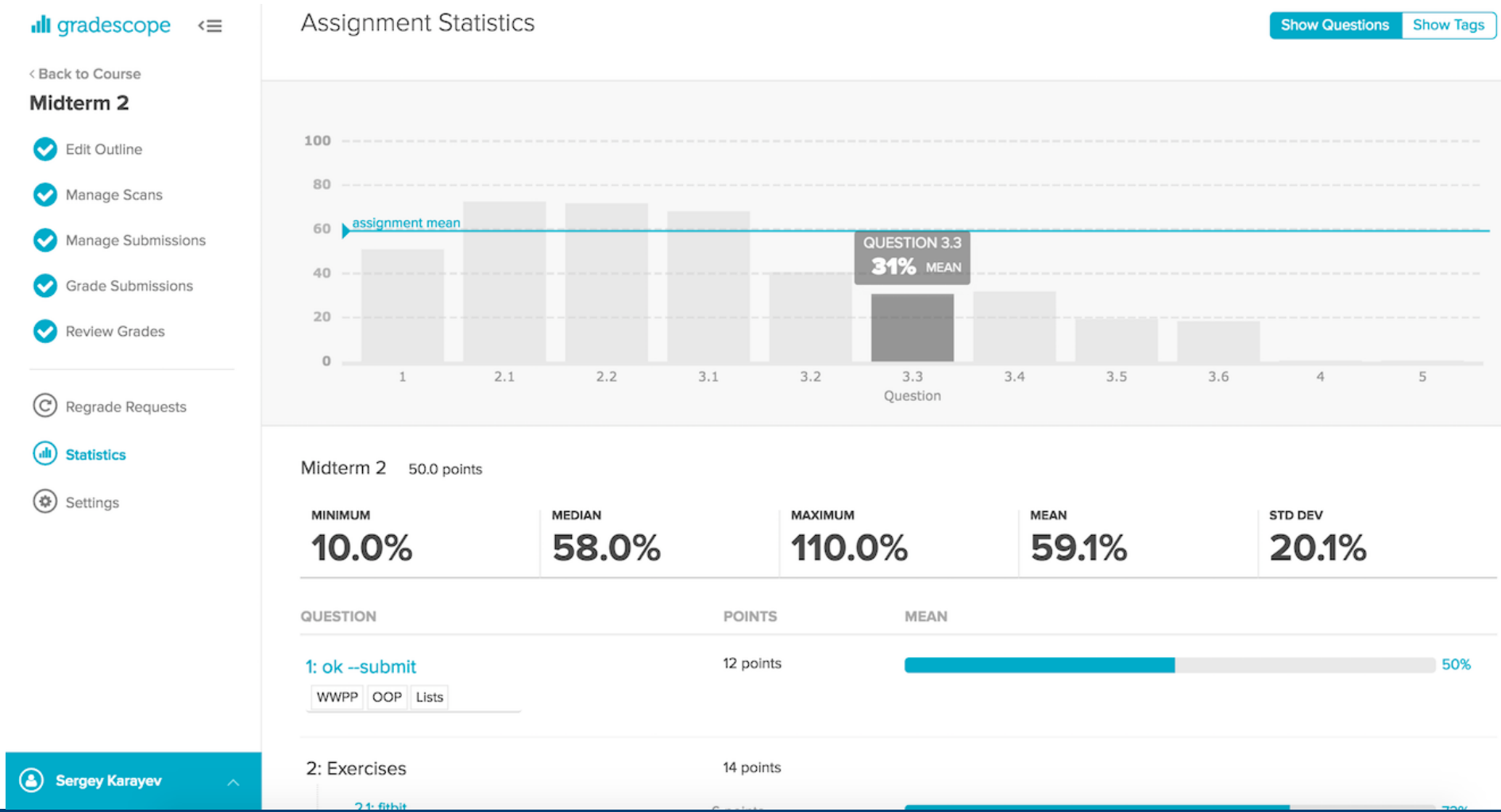
How does this work?

- 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



Thank you for listening. Any questions?