



CODE 201

Foundations of Software Development

Day 1: Academic Overview

A dark, grayscale background image showing a group of students in a classroom or study hall. Some students are sitting at tables with laptops, while others are standing and talking. The image is dimly lit, with the text overlaid in the center.

Curriculum

Grading

Canvas

Quizzes & Whiteboarding

Advice From Instructors

Review of the Prework

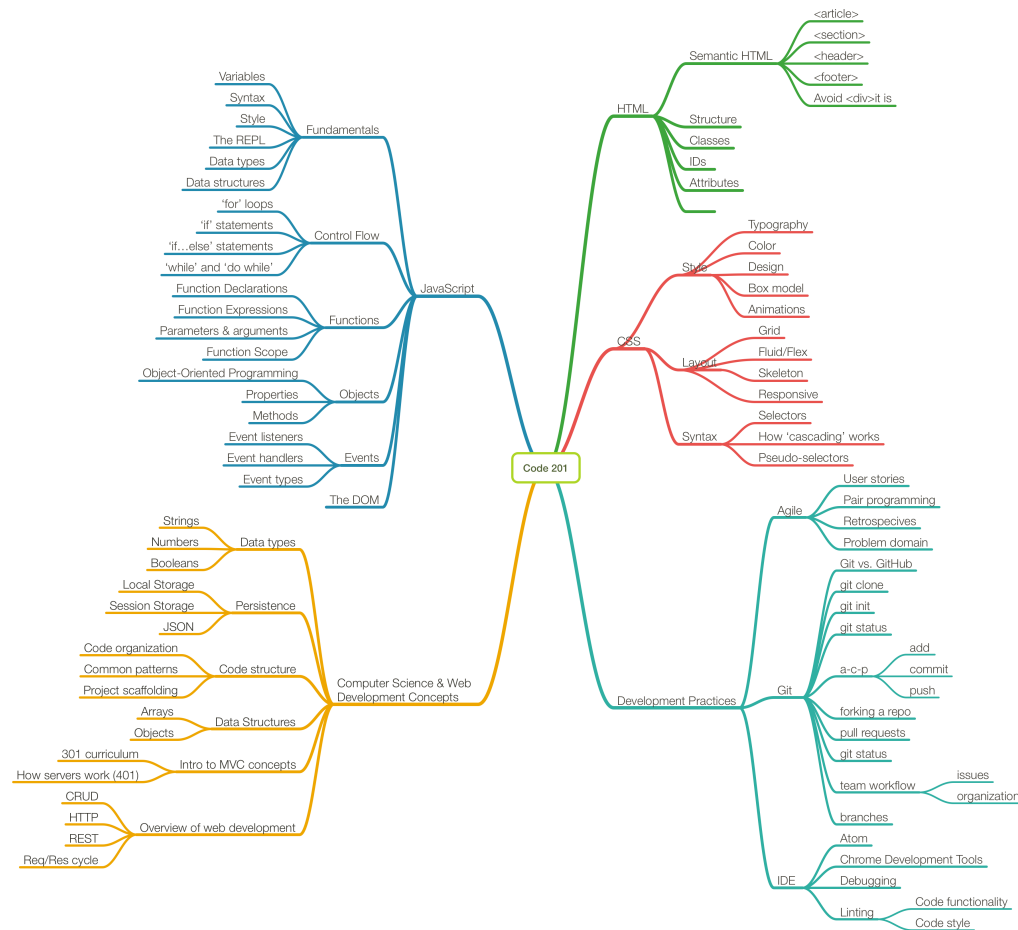
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Curriculum

Code 201

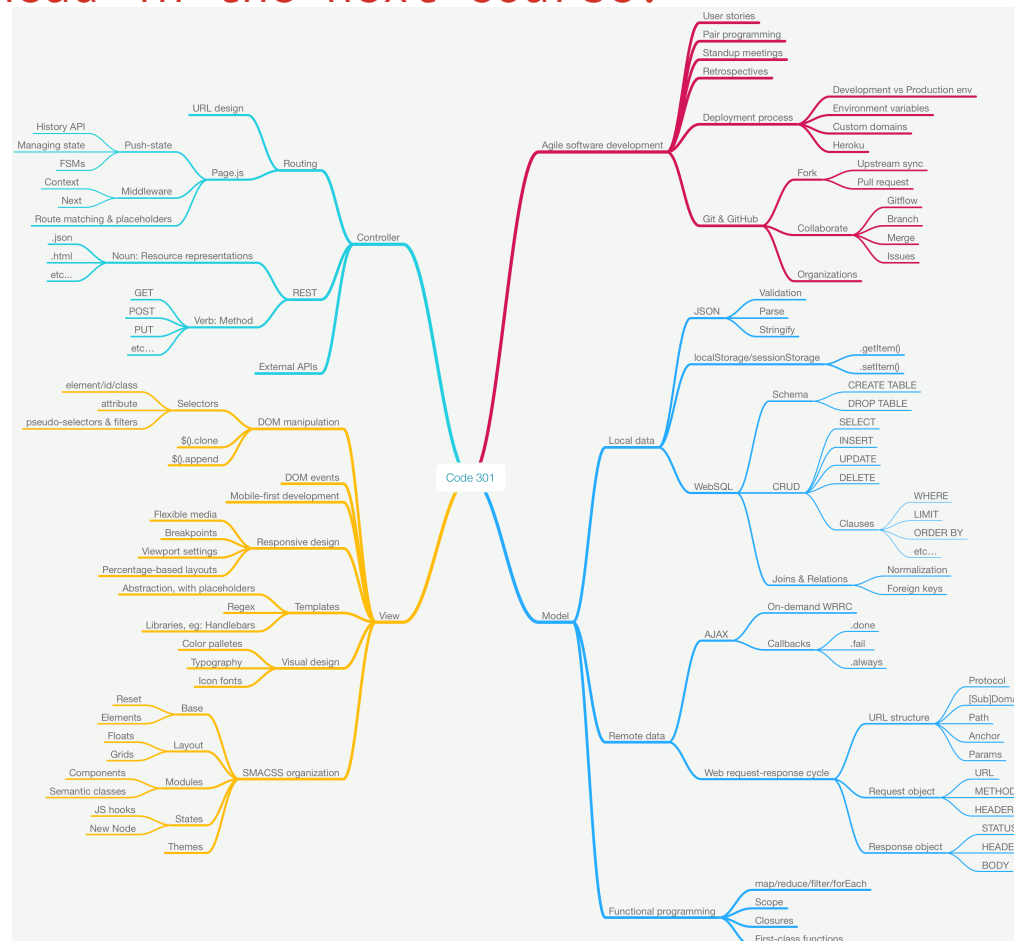
201 MINDMAP

You'll be spending a lot of time with this content!



301 MINDMAP

Here's what's ahead in the next course!



Weekly and Daily Class Structures

Here's what to expect!

Weekly

- A project that extends over the week
- One or two days of pair/group work in lab
- Two or three quizzes per week
- A trajectory where Mon-Wed see the introduction of a lot of new material
- Thur-Fri tend to be focused on refinement

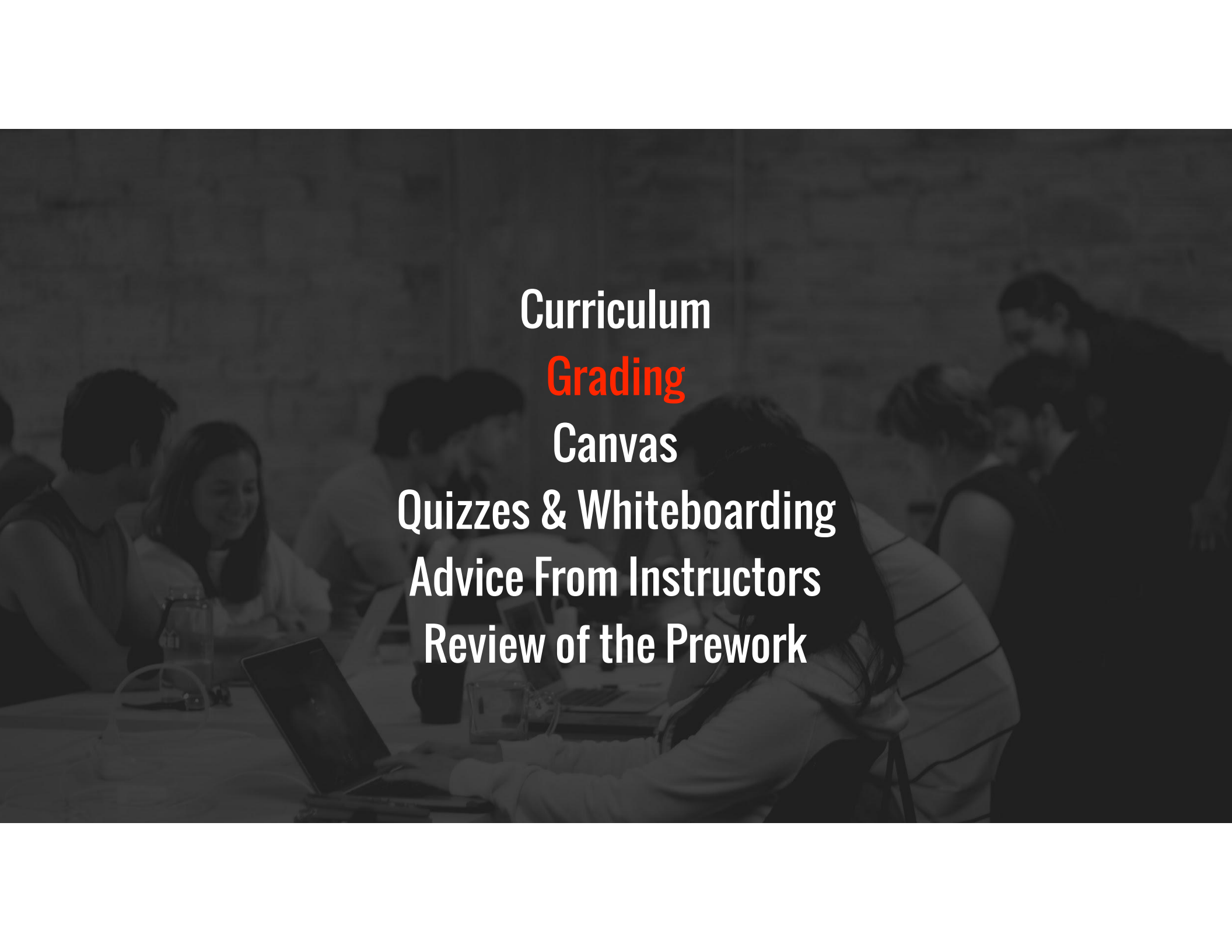
Daily

- Code review in class on most days
- Reading assignments to submit
- Code assignment to submit
- New concepts from readings
- Code demos in class: do your best to keep up, but sometimes just watch

15.

Fifteen. We mean it. Fifteen.



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Grading

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GRADING WEIGHTS

How much each part of the class counts

- 10% Attendance
- 5% Prework
- 10% Readings/Discussions
- 10% Quizzes
- 30% Daily Code Assignments
- 30% Final Projects
- 5% Participation in Weekly Course Surveys

GRADING OF CODE ASSIGNMENTS

How your code is evaluated

Assignment Rubric

Points are granted to each assignment based on how the submission meets the following criteria:

	Met all assignment requirements	Idiomatic style used	Proper Git workflow utilized	Other adjustments	Total possible
	6 points	3 points	1 point		
Submission					10 points
Late submission				-2 points	8 points

Policy on late work

- Assignments that are missing or substantially incomplete at the submission deadline will be graded as 0 points.
- After the submission deadline, assignments can be resubmitted:
 - Any assignment earning at least 2 points can be resubmitted for a regrading with no penalty.
 - Any assignment with 0 or 1 points can be resubmitted for regrading, incurring a 2-point penalty.
- Submissions for re-grading are allowed at any time, up until 1 week after the last day of class.
- After that, any incomplete work should still be submitted (although it won't be graded) before starting the next Code Fellows class in the sequence.

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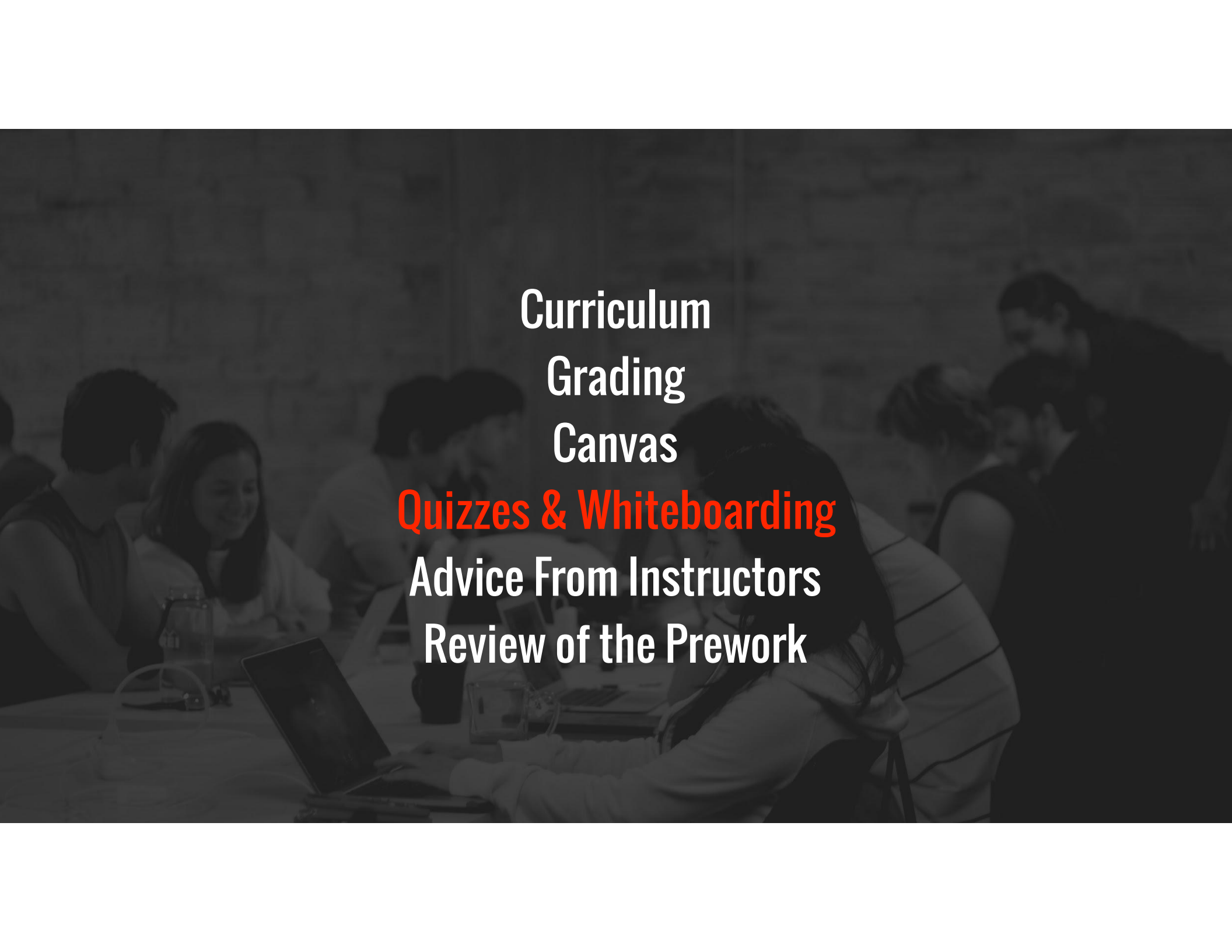
Review of the Prework



Canvas

(tour in browser)

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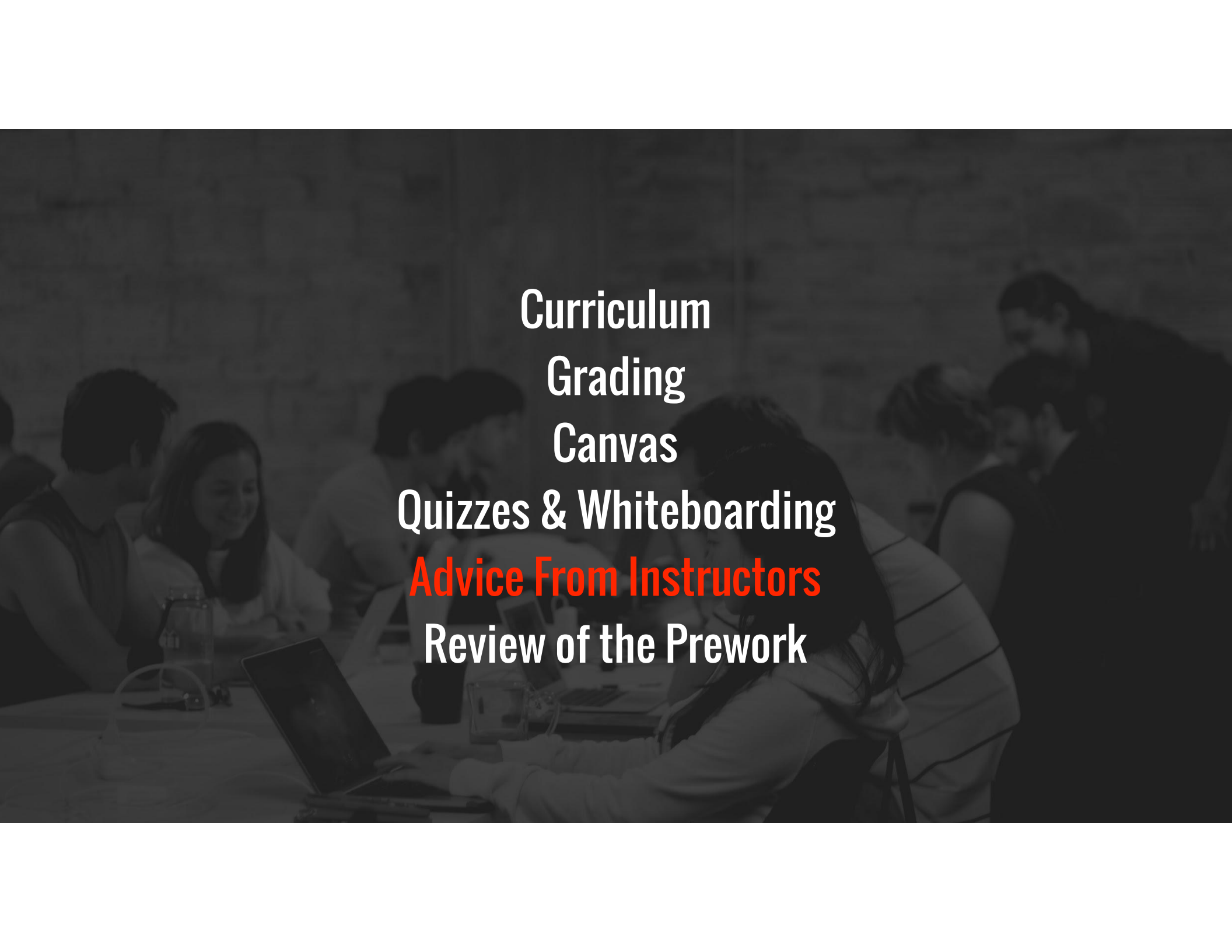
Quizzes & Whiteboarding

Code 201

QUIZZES AND WHITEBOARDING

How we'll use them

- Nowhere to hide...
- They're as much about confidence as evaluation
- Whiteboarding is a common part of technical interviews
- Quizzes have unlimited retries
- Only quizzes are graded; whiteboard practice is not
- Whiteboarding practice is closed-lid/book
- Whiteboarding practice lets us see exactly where you are so that we can dial in our instruction on your needs

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A dark, grayscale photograph of a classroom or computer lab. Several students are seated at long tables, working on laptops. The lighting is dim, and the overall tone is professional and academic. The text is overlaid on the center of the image.

Advice from Instructors

Code 201



INSTRUCTORS SAY...

(...and they know what they are talking about...)

Brook says: "Never copy/paste code. If you want to use someone else's snippet, at the very least, RETYPE it, so you can learn it, and think about how it fits in with your existing code."



INSTRUCTORS SAY...

(...and they know what they are talking about...)

Paul says: "I tell all my students they are allowed to learn and look at source code from everywhere, they are just not allowed to copy and paste it directly. Even better is to read it first, explain it verbally, and then translate that explanation into their own source code, so they can even improve upon it or add their own style."




INSTRUCTORS SAY...

(...and they know what they are talking about...)

Sam says: "Talk to the duck."



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REVIEW OF THE PREWORK

How did it go? What kind of questions do you have?

- Just curious: Who took Code 101?
- In general, how did your laptop setup go? In the next portion of class, after this review, we'll be extending your setups
- Everyone is on Slack? (Maybe show some Slack tricks?)
- Everyone has textbooks?
- Brushup on algebra... why, you wonder?
- Terminal: We're doing a lot more with it later today
- Git and version control... you're going to see a lot of it!
- Codecademy tutorials... how did they go? Questions?



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