

CODE 201 Foundations of Software Development

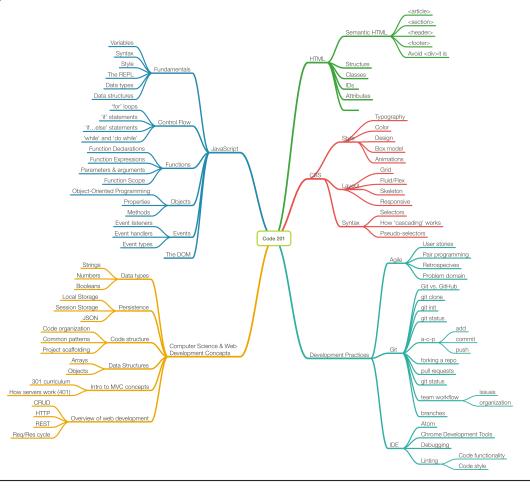
Day 1: Academic Overview





201 MINDMAP

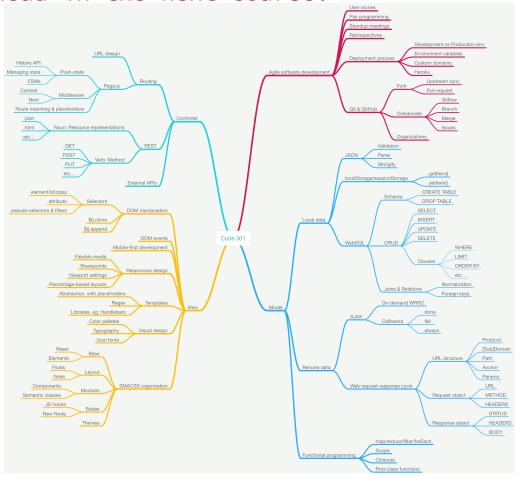
You'll be spending a lot of time with this content!





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.









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

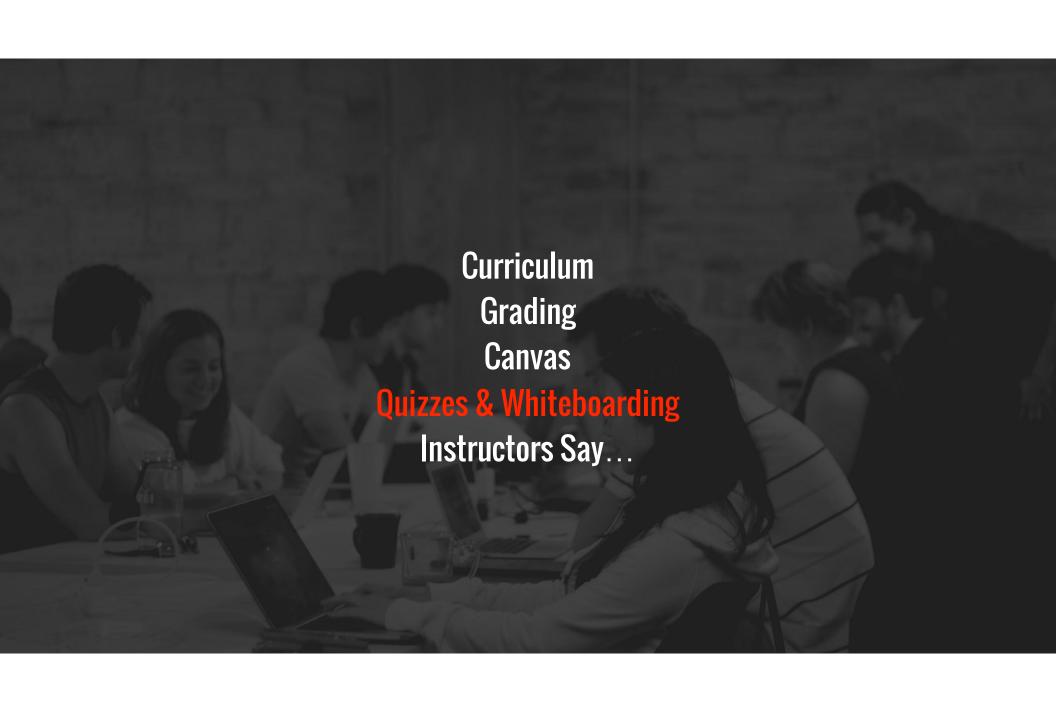
Policy on late work

- 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:
 - o Any assignment earning at least 2 points can be resubmitted for a regrading with no penalty.
 - o 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.











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
- Whiteboarding practice is not graded and are closed-lid/book
- Whiteboarding practice lets us see exactly where you are so that we can dial in our instruction on your needs









INSTRUCTORS SAY

(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

(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...

(they know what they are talking about)

Sam says: "Talk to the duck."







CODE 201 Foundations of Software Development

Day 1: Academic Overview