Syllabus Overview

CSCI 4448/5448: Object-Oriented Analysis & Design

Grading

	Undergraduates	Graduates
Homework	40%	35%
Tests	30%	25%
Quizzes	10%	10%
Project	20%	15%
Research Paper	NA	15%

Homework

- Done by two person teams — no solo work (except HW #1, see me if you need an exception). Put BOTH names in ReadMe file!

- There is a new programming/design project every week or so

- Projects in OOAD will require:

    - A GitHub Classroom repository for code and readme documentation for each submission

    - Depending on the project, there may be more/other deliverables to submit

Start Early!
The day it is assigned.
Seriously.

Homework Late Policy – General

- Projects will have a set due date and time; normally this is 11:59 PM
- The general late policy for this semester
  - You can submit one day late for a 10% penalty
  - Cannot submit after that
- I will generally not provide project extensions
- You can drop one homework — you'll get average of your other homework assignments
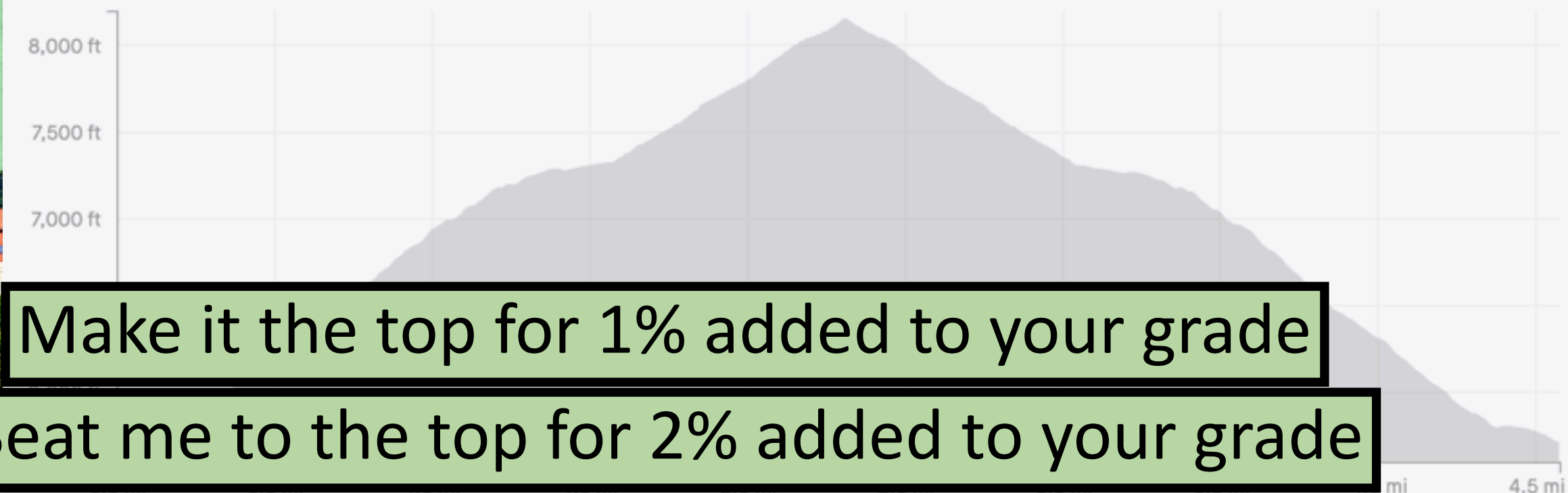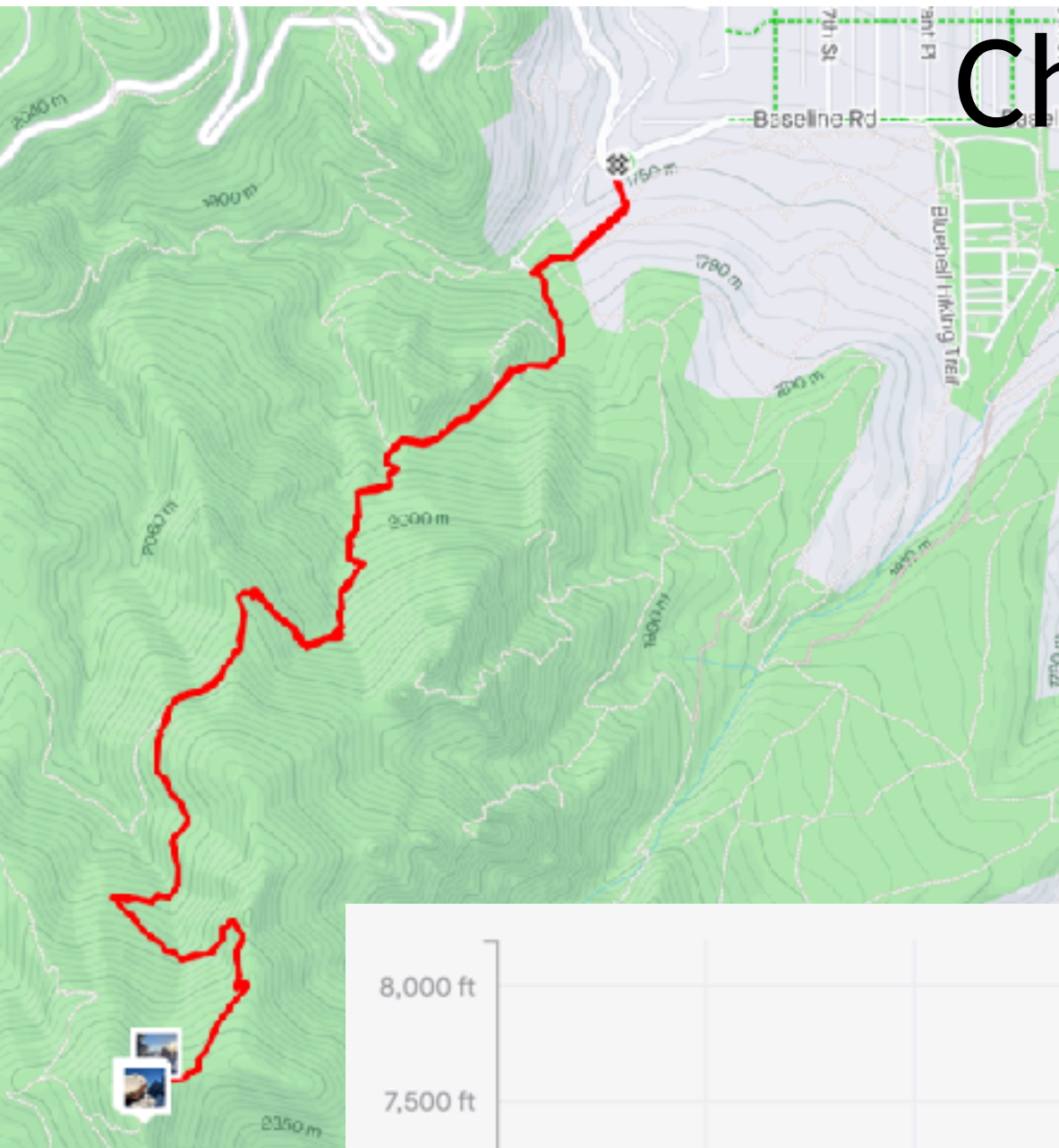
Graduate Research Project
(for graduate students only)

- Total of 250 points (20% of your grade()
- Performed by a two-person team
- Deliverables (and points) will be due on Fridays (mostly) including
    - Topic Selection (20 points)
    - Draft Paper (40 points)
    - Peer Review (40 points)
    - Updated Paper/Code/Project (150 points)
- Projects must include team's development of code examples
- The topic could include a language review, language comparisons, patterns reviews, object-oriented methods or principles, OO or other pattern libraries (web, architectural, etc.), or related book reviews
- You cannot directly duplicate submissions for other classes
- **MUST** have an OO topic as the *central* theme.

Extra Credit Opportunities

- In class activity (Pattern Hunt, for one)
- Polymorphia Strategy Competition
- Catching my mistakes
- and…

Bill May Memorial Green Mountain Challenge

Summit

8,000 ft

7,500 ft

7,000 ft

Make it the top for 1% added to your grade

Beat me to the top for 2% added to your grade

Syllabus

- You can find the Syllabus on the class Canvas site under Course Information
- Course Calendar is flexible

Next Steps

- Make sure you sign up for Piazza and Canvas notifications

- Get access to the OO Head First Patterns book

- Start on the Homework — this is the only individual homework

- Start thinking about your teammate for homework assignments. We'll share a spreadsheet where you can sign up if you are looking for a teammate or you can use Piazza

Homework Overview

- Install IntelliJ

- Install Java and Gradle (if using IntelliJ, these can be done for inside the IDE)

- Connect IntelliJ to your GitHub account