



# WELCOME!

CS-HU 274

# ABOUT THIS CLASS

Instructor: Elena Sherman <http://cs.boisestate.edu/~esherman/>

Remote class delivery **Zoom ID in the syllabus**

- No recordings, preferably cameras on

Office hours by appointment either in-person or remote

Communication channels

- Piazza – questions and announcements, links to the syllabus and timeline documents
- Blackboard – quizzes, assignments, essay and grades
- CS-HU274-Public – a Java Eclipse GitHub project, materials distribution (slides, code, libraries)

Tuesdays: new concepts, Thursdays: practice

# GRADING CRITERIA

- ❖ Three homework assignments – 66% (22% each)
- ❖ Three quizzes – 15% (5% each)
- ❖ In-class essay – 3%
- ❖ Class participation – 16% (5 in-class exercises, 3% each + 1% active participation)
  - ❖ Need to demonstrate your working in-class exercise either
    - ❖ Via zoom: after the class, or on the day it is due
    - ❖ A video recording (provide me with a link in a private Piazza post)

# TIMELINE

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Week	Day	Date	Topics covered	Assigned	Due
1	Tu	6/1/21	Intorduciton to testing concepts and terminology	Q1	Q1 / before class P1 / end of the day
	Th	6/3/21	Junit testing framework	P1	
	Fri	6/4/21			
2	Tu	6/8/21	Black-box testing	Q2	Q2 / before class P2 / end of the day
	Th	6/10/21	Hands-on BB testing	P2, HW1	
	Fri	6/11/21			
3	Tu	6/15/21	White-box testing	Q3	HW1 / before class Q3 / before class P3 / end of the day
	Th	6/17/21	Hands-on WB testing	P3, HW2	
	Fri	6/18/21			
4	Tu	6/22/21	Automated TC generation (ATG)	P4	HW2 /before class P4 / end of the day
	Wed	6/23/21			
	Th	6/24/21	ATG (cont) and Evosuite	HW3	
5	Tu	6/29/21	Evosuite (cont)	P5	P5 / end of the day Essay/Reflection HW3 / end of the day
	Wed	6/30/21			
	Th	7/1/21	OO testing, Use-case testing		
	Sun	7/4/21			

# INTRODUCE YOURSELF



What questions do you have?



# TESTING DISCUSSIONS

What is it?

Why is it important?

Is it a difficult or an easy task?

What does it mean software to be tested?



Let's start our 5-week journey!