

# CS510 Software Engineering

## Midsemester Evaluation

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Slides inspired by Xiangyu Zhang

<http://nebelwelt.net/teaching/15-CS510-SE>

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# Evaluation (mean/median)

- Presented materials/concepts are understandable: 2.5/2.0
- Instructor is understandable: 3.8/4.0
- I understand what I need to do for assignments: 3.0/3.0
- The assignments are a worthwhile learning experience: 3.1/3.0
- Assignments are returned in a timely manner: 3.4/4.0
- Handling of academic dishonesty: 4.4/4.5
- I have observed academic dishonesty: 1.9/1.5
- The TA is helpful: 3.2/3.5
- The course has been a worthwhile learning experience: 2.9/3.0

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# Comments: Class

- “Examples on the slides are too simple compared to what is asked in homework” .
- “There are too few examples discussed in class, use less slides” .
- “The papers could be even discussed in class briefly” .
- “Class ends too early, spend the time discussing more examples” .

# Comments: Projects

- “The projects take too much time”.
- “Handouts do not explain clearly what needs to be done, leading to confusion during the implementation”.
- “Handouts should be more specific to help save time”.

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# Changes to Class

- This is the first time I'm teaching this class and the class is under major refactoring/extension. Some rough spots are expected.
- The class changed a lot compared to earlier versions. Most of the slides were extended with additional material. The project descriptions are multi-page howto documents compared to several lines of text from earlier iterations of the class.
- This is your class as well, please ask questions (also via email/piazza)!
- This is a *graduate* class, you are expected to read and understand scientific papers.



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# Presentations

- To earn extra credits you can present a scientific paper in class.
- There are 11 more classes, each presentation will be 15 minutes.
- Papers will be released one week before class.
- A presentation weighs like one homework assignment.

# Presentations

- 03/26: Java Path Finder
- 03/31: Deviation Analysis through Model Checking
- 04/02: BLITZ
- 04/07: Predicate Abstraction
- 04/09: KLEE
- 04/14: HI-CFG
- 04/16: Concolic Testing through CUTE
- 04/21: Concurrent Testing
- 04/23: Automatic Test Factoring for Java
- 04/28: Test-Suite Reduction for Model Based Tests
- 04/30: Bita: Coverage-Guided, Automatic Testing of Actor Programs

# Questions?

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