

Final Review

ERIN KEITH



Additional Announcements

CS 326 is being offered over the summer!

- Hybrid (choose online or in person)

Evaluations are available

- If 2/3 of students respond, I will add another assignment to the drop policy in the Class Activities category.
- Currently 18%
- <http://www.unr.edu/evaluate>



Goal

1. Where we've been
2. Where you're going

Where we've been

Introduction to software testing methods and infrastructure as code.

Where we've been

TESTING

- Testing
- Unit Testing
- Integration Testing
- Test Driven Development

DEV OPS

- DevOps
- Coding
- Building
- Testing
- Packaging
- Releasing
- Configuring
- Monitoring

Final Exam

- Tuesday, May 13th
 - from 3pm – 5pm
- Computer test in classroom
- No hats, sunglasses, or electronic devices

Final Exam

TESTING

- Testing
- Unit Testing
- Integration Testing
- Test Driven Development

DEV OPS

- DevOps
- Coding
- Building
- Testing
- Packaging
- Releasing
- (Configuring)
- (Monitoring)

Testing

Testing

- What are some of the costs of software bugs?

Unit Testing

- What are the purposes of unit testing?
- What should not be included in unit tests?
- What kinds of coverage are there?
- For the following class, provide an example of each.

Testing

Integration Testing

- What is the purpose of integration testing?
- What are the different integration test strategies?

Test Driven Development

- What is Test Driven Development?

How has testing changed your coding practices so far?

DevOps

General

- Definition
- Benefits

Pipeline

- List components
- Explain how they depend on and connect to each other
- Include configuring and monitoring

DevOps

Given an application, design a pipeline

- Like the design document
- Don't include configuring and monitoring
- <https://www.redhat.com/architect/devops-cicd>

Thank you so much!

If you ever need anything, please ask!

- Career or school advice
- Recommendations
- Help with other classes
- Swing by my office! WPEB 433

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Teaching you the CS **why's** so you can be CS **wise**.



Next Time

Final

- Tuesday, May 13th 3pm – 5pm
- Computer test in classroom