

TCSS 562: SOFTWARE ENGINEERING FOR CLOUD COMPUTING

Kubernetes

Wes J. Lloyd
School of Engineering and Technology
University of Washington – Tacoma
MW 5:50-7:50 PM



OBJECTIVES – 11/25

- **Questions from 11/23**
- **Quiz 2**– extended until Wed 11/25 @ 11:59p
- **No Office Hours 11/27**
- **Group Presentation Schedule**
- **Introduction to Kubernetes – cont'd**
- **Tutorial 8**
- **2nd hour:**
- **Office Hours / Tutorial questions**
- **Team planning**

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L15.2

ONLINE DAILY FEEDBACK SURVEY

■ Daily Feedback Quiz in Canvas – Take After Each Class

■ Extra Credit for completing

Announcements

Assignments

Discussions

Zoom

Grades

People

Pages

Files

Quizzes

Collaborations

UW Libraries

UW Resources

▼ Upcoming Assignments

Class Activity 1 – Implicit vs. Explicit Parallelism

Available until Oct 11 at 11:59pm | Due Oct 7 at 7:50pm | ~10 pts

Tutorial 1 - Linux

Available until Oct 19 at 11:59pm | Due Oct 15 at 11:59pm | ~20 pts

▼ Past Assignments

TCSS 562 - Online Daily Feedback Survey - 10/5

Available until Dec 18 at 11:59pm | Due Oct 6 at 8:59pm | ~1 pts

TCSS 562 - Online Daily Feedback Survey - 9/30

Available until Dec 18 at 11:59pm | Due Oct 4 at 8:59pm | ~1 pts

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TCSS 562 - Online Daily Feedback Survey - 10/5

Started: Oct 7 at 1:13am

Quiz Instructions

Question 1

0.5 pts

On a scale of 1 to 10, please classify your perspective on material covered in today's class:

12345678910

Mostly Review To MeEqual New and ReviewMostly New to Me

Question 2

0.5 pts

Please rate the pace of today's class:

12345678910

SlowJust RightFast

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MATERIAL / PACE

- Please classify your perspective on material covered in today's class (18 respondents):
 - 1-mostly review, 5-equal new/review, 10-mostly new
 - **Average – 6.28** (↓ - *previous 6.30*)
- Please rate the pace of today's class:
 - 1-slow, 5-just right, 10-fast
 - **Average – 5.72** (↑ - *previous 5.35*)

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FEEDBACK FROM 11/23

- Can you give us demo of 6th Tutorial?
- Can have a deep-dive on Tutorial 6 in the second hour

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TUTORIAL QUESTIONS

- **Tutorial 6: Friday Nov 27th @ 11:59p**
- **Tutorial 7: Sunday Dec 6th @ 11:59p**

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UPCOMING TUTORIALS

- **Extra credit tutorials** – *submit by Dec 18 @ 11:59p*
- **Tutorial 8** – Introduction to FaaS IV: Step Functions and SQS
- **Tutorial 9** – Asynchronous Function Profiling with SAAF
- **Ungraded tutorials:**
- **Tutorial 10** – Automating Experiments with SAAF & FaaS Runner
- **Tutorial 11** – Scaling beyond a single client – concurrent webservice benchmarking with multiple EC2 instances

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