

# Report for CS 2910 - 001 CS Education Practicum Luther Tychonievich

Project Title: 2021 Fall Course Evaluation

Course Audience: 113 Responses Received: 36 Response Ratio: 31.86%

# **Report Comments**

Fall 2021 Individual Instructor Report by Section.

# **Final Report**

Course Name: CS 2910 - 001 CS Education Practicum

Instructor Name: Luther Tychonievich

Evaluation Start Date: Nov 30 2021 12:00AM Evaluation End Date: Dec 10 2021 12:00AM

Creation Date: Wednesday, December 22, 2021



## Fall 2021 Questionnaire

#### **Course Preparation:**

- 1. The average number of hours (per week) that I spent outside of class preparing for CS 2910 001 CS Education Practicum:
- Less than '
- 1-3
- 4-6
- 7-9
- 10 or more

#### **Course Questions:**

Answer the following questions based on your experience in CS 2910 - 001 CS Education Practicum. (Strongly Disagree, Disagree, Neutral, Agree, Strongly Agree)

- 1)The course increased my enthusiasm for the topic.
- 2)Through this course I gained a deeper understanding of the subject matter.
- 3)I had access to the course materials I needed to learn, including access to required textbooks, course readings, technology tools, and other materials required for class assignments and projects.

#### \* If the above question generates a negative response, a branching question will be generated:

- 3-A) You disagreed or strongly disagreed that you did not have access to the course materials you needed to learn. Please review the options below and select any of the reasons that may better describe what affected your access to course materials.
  - · Internet speed and reliability
- Internet connectivity
- It was difficult to obtain hand-on materials needed for the course
- I didn't have the funds to purchase the course materials
- The instructor didn't provide the course materials needed to learn
- Other: Please Specify

# **Learning Activities Question:**

To what extent did the following learning activities contribute to your learning? (A Lot, A Moderate Amount, A Little, Not At All)

- Real-time lecture
- Recorded lectures
- Recorded video demonstrations
- Hands-on activities
- Real-time, whole-class discussion
- Real-time small-group discussion
- Online discussion boards
- Office hours

# **Open Comment Questions (Course):**

- 1) Please tell us briefly how any of the above learning activities (or other activities not included above) contributed to your learning in this course.
- 2) What would you like the instructor and university administrators to know about your experience in this course?

# Instructor Questions:

Answer the following questions based on your experience with Luther Tychonievich. Your constructive feedback will help your instructor identify what went well and ways to improve the course in the future. (Strongly Disagree, Disagree, Neutral, Agree, Strongly Agree)

1) The instructor clearly communicated the course schedule and expectations for participation (e.g., readings, discussions).

#### University of Virginia

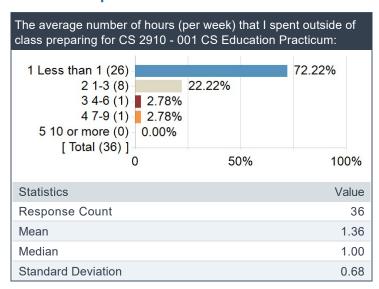
- 2) The instructor clearly communicated the course learning objectives.
- 3) The instructor implemented learning activities and assignments that allowed me to demonstrate understanding of the course material.
- 4) The instructor provided me prompt and useful feedback on my learning.
- 5) The instructor provided opportunities for my active participation.
- 6) The instructor was available to help support my learning.
- 7) The instructor fostered an environment where I felt valued as an individual and that I belonged in the class.
- 8) Overall, the instructor was an effective teacher.
- 9) The instructor created an environment that respected difference and welcomed diverse perspectives.
- \* A positive or negative response to the above question will generate a follow-up comment question.
- 9A) You selected "AGREE or STRONGLY AGREE" on the previous question: Please give specific examples as to how Luther Tychonievich created an environment that respected difference and welcomed diverse perspectives.
- 9B) You selected "DISAGREE or STRONGLY DISAGREE" on the previous question: Please give specific examples as to how Luther Tychonievich did not create an environment that respected difference and welcomed diverse perspectives.

## **Open Comment Question (Instructor):**

Your response to the open-ended question below will be shared only with Luther Tychonievich. If this course was taught by multiple instructors, you will have the opportunity to provide feedback to each. Please avoid using instructors' names in your responses to ensure confidentiality.

1) What constructive suggestions do you have to help Luther Tychonievich improve this course for future students?

# **Student Preparation**

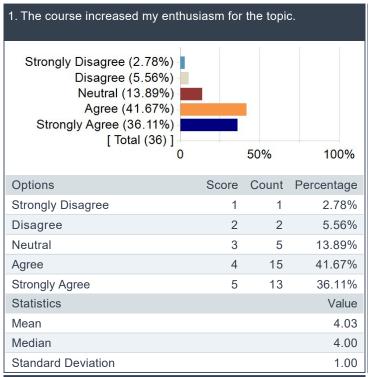


# **Course Questions**

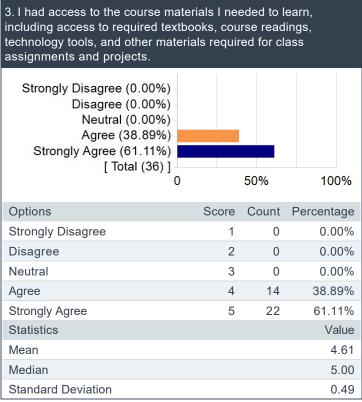
Mean values are displayed below.

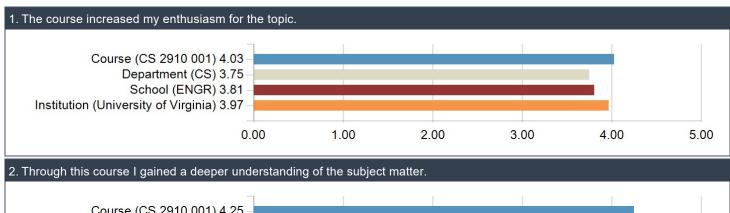
Scale 1 = Strongly Disagree 2 = Disagree 3 = Neutral 4 = Agree 5 = Strongly Agree

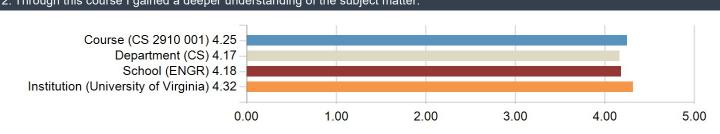
Question	Course (CS 2910 001)		Department (CS)		School (ENGR)		Institution (University of Virginia)	
	Response Count	Mean	Response Count	Mean	Response Count	Mean	Response Count	Mean
The course increased my enthusiasm for the topic.	36	4.03	3572	3.75	9497	3.81	61004	3.97
Through this course I gained a deeper understanding of the subject matter.	36	4.25	3556	4.17	9460	4.18	60686	4.32
I had access to the course materials I needed to learn, including access to required textbooks, course readings, technology tools, and other materials required for class assignments and projects.	36	4.61	3569	4.31	9488	4.35	60969	4.49



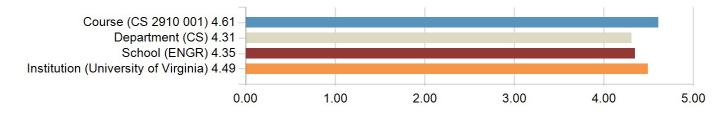
Through this course I gained a subject matter.	deeper ur	nderstand	ding of the
Strongly Disagree (2.78%) Disagree (2.78%) Neutral (5.56%) Agree (44.44%) Strongly Agree (44.44%) [ Total (36) ]			
0		50%	100%
Options	Score	Count	Percentage
Strongly Disagree	1	1	2.78%
Disagree	2	1	2.78%
Neutral	3	2	5.56%
Agree	4	16	44.44%
Strongly Agree	5	16	44.44%
Statistics			Value
Mean			4.25
Median			4.00
Standard Deviation			0.91

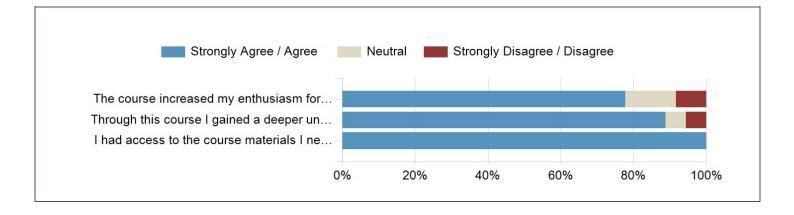












# **Learning Activities**

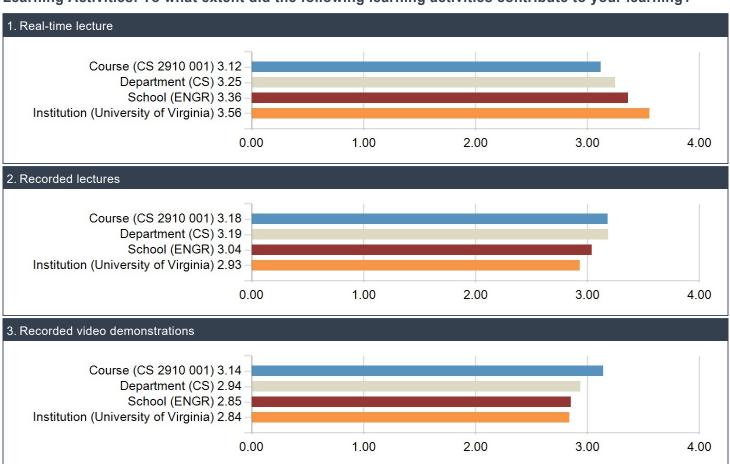
Mean values are displayed below.

Scale: 1 = Not at All 2 = A Little 3 = A Moderate Amount 4 = A Lot

# Learning Activities: To what extent did the following learning activities contribute to your learning?

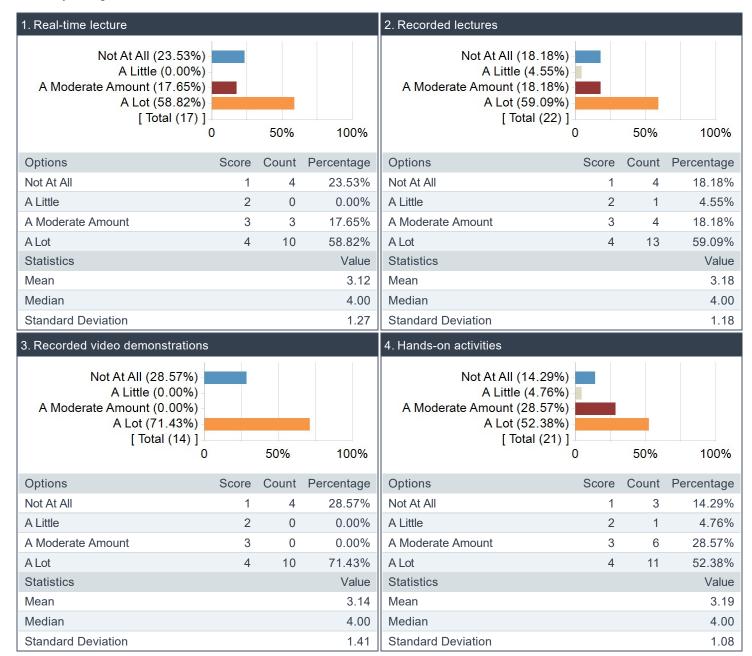
Question	Course (CS 2910 001)		Department (CS)		School (ENGR)		Institution (University of Virginia)	
	Response Count	Mean	Response Count	Mean	Response Count	Mean	Response Count	Mean
Real-time lecture	17	3.12	3092	3.25	8641	3.36	54515	3.56
Recorded lectures	22	3.18	2620	3.19	6124	3.04	28249	2.93
Recorded video demonstrations	14	3.14	1735	2.94	4149	2.85	23073	2.84
Hands-on activities	21	3.19	2880	3.45	6888	3.41	40174	3.37
Real-time, whole-class discussion	13	3.00	1960	2.75	6287	2.97	45140	3.29
Real-time small-group discussion	13	3.00	2196	3.01	6260	3.13	42228	3.31
Online discussion boards	11	2.73	2456	2.92	5292	2.74	26305	2.70
Office hours	8	2.13	2652	3.00	6695	2.91	36534	2.87

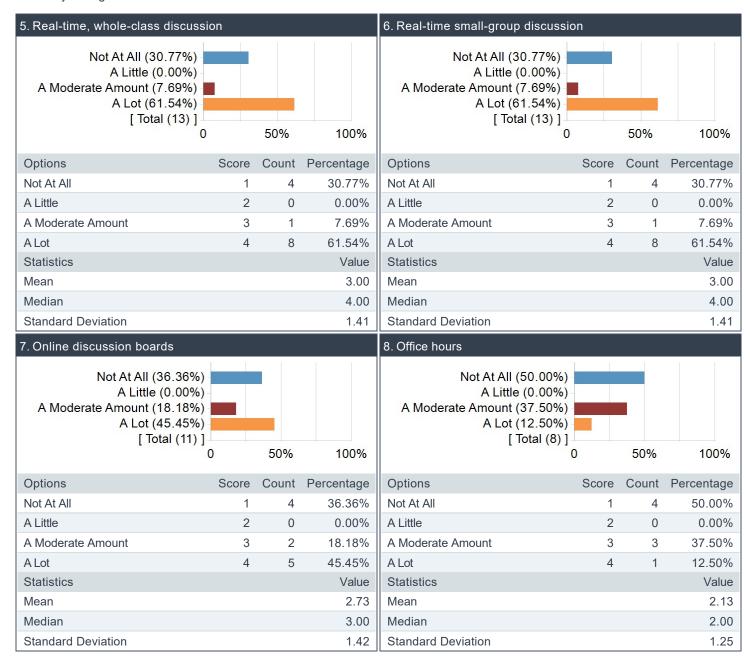
# Learning Activities: To what extent did the following learning activities contribute to your learning?



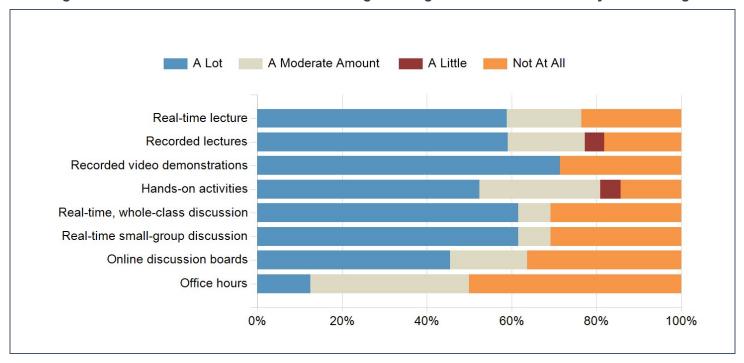


Learning Activities: To what extent did the following learning activities contribute to your learning?





# Learning Activities: To what extent did the following learning activities contribute to your learning?



# Please tell us briefly how any of the above learning activities (or other activities not included above) contributed to your learning in this course.

#### Comments

counting whole–class discussion and small–group discussion as the same category because the whole class \*was\* a small group lol. Anyway, being able to interface with the prof during real–time in class with questions and comments and stuff was very helpful, as was him being available for office hours so I could ask general TA questions that I was unsure about

The write ups for each week were very helpful and insightful.

The quizzes were short but concise, and helped me in actual situations that I had during TAing

The recorded video demonstrations were very helpful for explaining concepts that we tried to apply in the homeworks (i.e. try to ask a student one question in this way etc) and on the quizzes.

The lectures recorded by Prof. Tychonievich were well put together and taught the course material quite well.

Working with a website for a robot and having to write a report on it throughout the semester.

I didn't attend class in person; instead, I did the reading and quiz option. I found that the reading was very comprehensive and the quiz really solidified all of my knowledge on the material.

Attending lecture every week and discussing topics with the professor and other students was helpful for learning how to better help students.

i liked the real world reflections/suggestions to try these things in our next OH

The course material was all available online which was very helpful in self-teaching myself the material before the weekly modules.

The writeups and guizzes were really great with teaching the course concepts

Professor Tychonievich was able to seamlessly draw student input into the lectures. He created an environment where I (a usually shy person) felt comfortable sharing my ideas. Sometimes breaking into pairs to discuss things was also helpful because you could go into more details with your partner then there'd be time for if everyone shared with the class.

The online textbook helped me

The learning experience was just the writeups

The lectures are perfectly presented and very informative and adapted to the audience.

# **Course Comments**

# What would you like the instructor and university administrators to know about your experience in this course?

## Comments

this class is really useful. some stuff about being a TA is pretty obvious, some stuff isn't, and this class brought to light a lot of the not-obvious parts that I don't think I would have figured out on my own. it's a really good resource

It was a great course to learn about how to be a better TA. It was very light work and not stressful at all!

It was a great and informative course!

This class was a very important supplement to my first semester as a TA and provided me with the support I needed to do the job properly.

I enjoyed this course and think it is valuable for CS TAs to take!

It was very engaging while having to work with others

It was very insightful on being a TA. It was a course I never thought I would take but it was very interesting once I did take it.

The course was useful for learning skills to become a better TA and teacher.

great thing for TAs to do

Great class in honing my TA skills!

This course was extremely enjoyable and I learned a lot. Professor Tychonievich is amazing and I felt like I learned a lot just by being in the same room as him.

This course needs a more objective way of getting a grade (as half the grade is instructor feedback)

It was fine. Definitely wasn't a massive burden, but seemed superflous

I initally thought that this class would not be interesting, but by the end of the class I looked forward to this class every week.

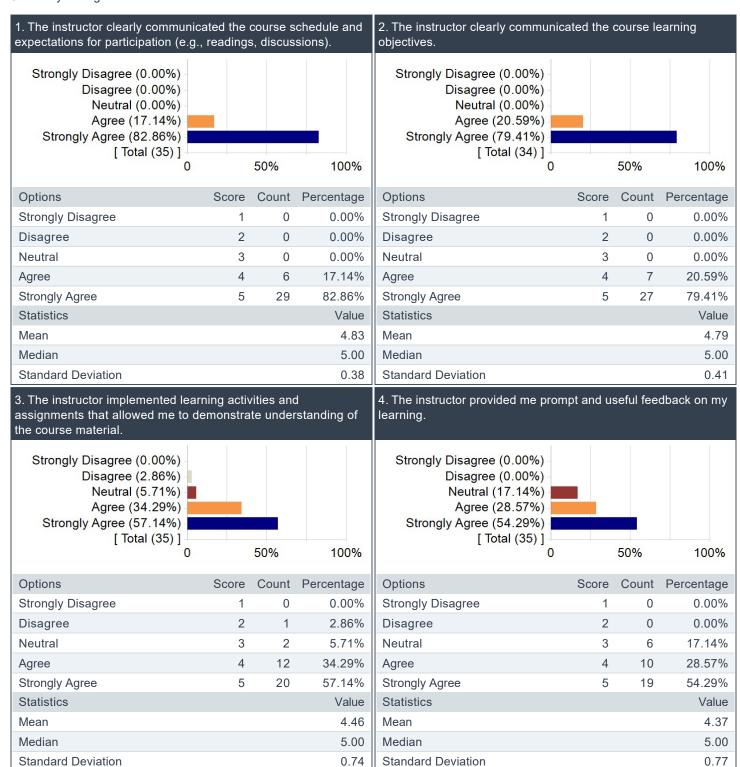
I loved this course! I learnt so much.

# **Instructor Questions**

Mean values are displayed below.

Scale 1 = Strongly Disagree 2 = Disagree 3 = Neutral 4 = Agree 5 = Strongly Agree

Question	Instructor Average - this course		Instructor Average - all courses (lat7h Luther Tychonievich)		Department (CS)		School (ENGR)	
	Response Count	Mean	Response Count	Mean	Response Count	Mean	Response Count	Mean
The instructor clearly communicated the course schedule and expectations for participation (e.g., readings, discussions).	35	4.83	58	4.84	3887	4.28	10991	4.34
The instructor clearly communicated the course learning objectives.	34	4.79	57	4.81	3872	4.25	10973	4.32
The instructor implemented learning activities and assignments that allowed me to demonstrate understanding of the course material.	35	4.46	58	4.60	3875	4.20	10989	4.24
The instructor provided me prompt and useful feedback on my learning.	35	4.37	58	4.55	3889	3.83	11012	3.91
The instructor provided opportunities for my active participation.	35	4.29	58	4.41	3883	4.02	10987	4.16
The instructor was available to help support my learning.	35	4.43	57	4.51	3880	4.11	10985	4.24
The instructor fostered an environment where I felt valued as an individual and that I belonged in the class.	35	4.20	58	4.34	3879	4.03	10992	4.19
Overall, the instructor was an effective teacher.	34	4.47	57	4.60	3879	4.07	10987	4.18
The instructor created an environment that respected difference and welcomed diverse perspectives.	35	4.14	58	4.31	3882	3.98	11000	4.10





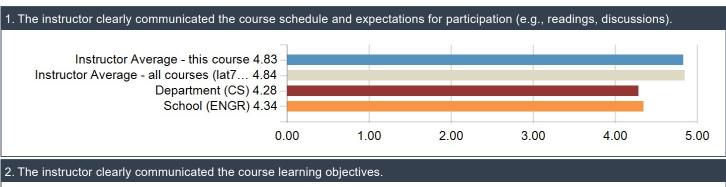
0.83

Standard Deviation

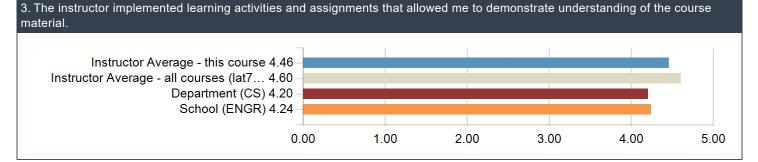
Standard Deviation

0.66

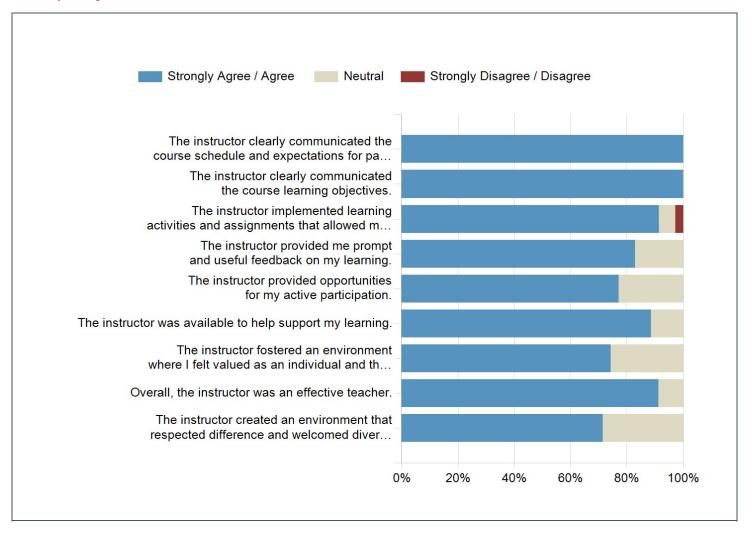
9. The instructor created an environment that respected difference and welcomed diverse perspectives.								
Strongly Disagree (0.00%)  Disagree (0.00%)  Neutral (28.57%)  Agree (28.57%)  Strongly Agree (42.86%)  [ Total (35) ]		50%	100%					
Options	Score	Count	Percentage					
Strongly Disagree	1	0	0.00%					
Disagree	2	0	0.00%					
Neutral	3	10	28.57%					
Agree	4	10	28.57%					
Strongly Agree	5	15	42.86%					
Statistics			Value					
Mean			4.14					
Median			4.00					
Standard Deviation			0.85					











You selected "AGREE or STRONGLY AGREE" on the previous question: Please give specific examples as to how Luther Tychonievich created an environment that respected difference and welcomed diverse perspectives.

## Comments

oftentimes he would ask us for comments or questions to use as a jumping off point to talk about other stuff; he didn't assume a "one size fits all" approach to the content and instead relied on our experience to curate it.

The write ups often mentioned how to accommodate different students from different backgrounds and perspectives. We as TAs should treat every individual the same and give them equal help and opportunities.

We were encouraged to share our thoughts in the weekly seminar style discussions and no answer was a wrong answer.

Always used inclusive examples and language

subject matter, constant acknowledgement of his own experiences/perspective/flexibility to approaches

The course content was very clearly designed to be inclusive to all students

Tychonievich encouraged participation from everyone and respected all viewpoints regardless of background.

He was welcoming to everyone

Lectures in class welcomed diverse perspectives into why things we were learning happened. Additionally, examples from our experiences were encouraged.

There were many instances where I thought one way about a certain topic. When Luther presented his viewpoint, he did not shut down my idea and instead encouraged me in the fact that my idea was a common sentiment.

As a topic of this course we explicitly discussed biases in teaching and it's clear Professor Tychonievich is aware of his and strives to be as inclusive as possible.

# **Instructor Comments**

# What constructive suggestions do you have to help Luther Tychonievich improve this course for future students?

#### Comments

It was probably a little frustrating when only, like, five people showed up to the IRL sections, but I really enjoyed being able to participate in such a small class. In classes with 30 or so people it feels like there's a lot of pressure to say something important and groundbreaking or else you're stealing the spotlight from someone else who could have said it better, but when there's only five? just spit it out lol it's not that hard. I think that the online/irl split works out pretty nicely, even if attendance is low

Not much!

N/a

To improve this course, encourage as many students as possible to attend the in–person weekly seminars because I learned more from attending those than the online recorded videos – although offering both and having access to both was helpful!

N/a

Overall, I think this is a really good course! I learned a lot about being a TA and feel prepared for future instruction and helping other students.

Nothing. It was amazing

Professor Tychonievich was an effective instructor.

nothing, it's great-low stress but effective

Great job!

This was a great class overall! I enjoyed it a lot and learned a ton of really practical things. Thank you for all your hard work!

The course was great and I can't think of any way to improve it.

Make the course grading more objective and not as much based on instructor feedback

Again, it was a fine course, the workload was about right. I'm just unsure how much it helped me be a better TA

No comments, enjoyable class!

None, it was great