



Report for CS 2910 - 001 CS Education Practicum Luther Tychonievich

Project Title: **2020 Fall Course Evaluation**

Course Audience: **117**

Responses Received: **52**

Response Ratio: **44.44%**

Report Comments

Fall 2020 Individual Instructor Report by Section.

Final Report

Course Name: CS 2910 - 001 CS Education Practicum

Instructor Name: Luther Tychonievich

Evaluation Start Date: Nov 21 2020 12:00AM

Evaluation End Date: Dec 1 2020 12:00AM

Creation Date: **Wednesday, December 16, 2020**

Fall 2020 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
 - 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).

- 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.

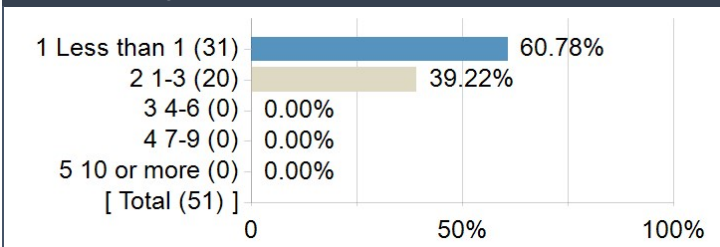
Open Comment Question (Instructor):

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

The average number of hours (per week) that I spent outside of class preparing for CS 2910 - 001 CS Education Practicum:



Statistics	Value
Response Count	51
Mean	1.39
Median	1.00
Standard Deviation	0.49

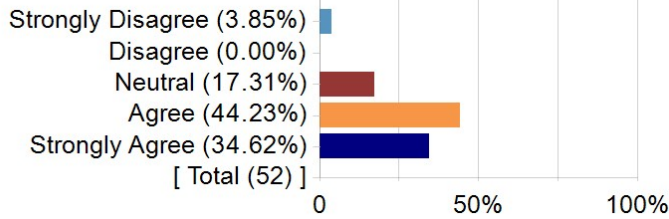
Course Questions

Mean values are displayed below.

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

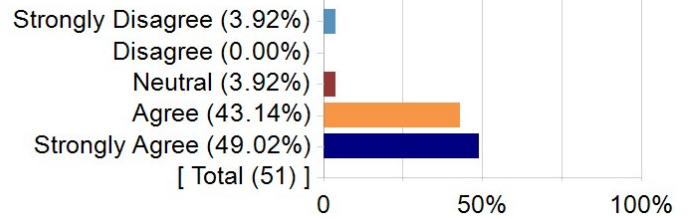
Question	Course (CS 2910 001)		Department (CS)		School (ENGR)		Institution (University of Virginia)	
	Response Count	Mean	Response Count	Mean	Response Count	Mean	Response Count	Mean
The course increased my enthusiasm for the topic.	52	4.06	4370	3.88	10769	3.84	68880	3.99
Through this course I gained a deeper understanding of the subject matter.	51	4.33	4338	4.26	10694	4.22	68467	4.35
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.	52	4.60	4365	4.38	10759	4.39	68848	4.53

1. The course increased my enthusiasm for the topic.



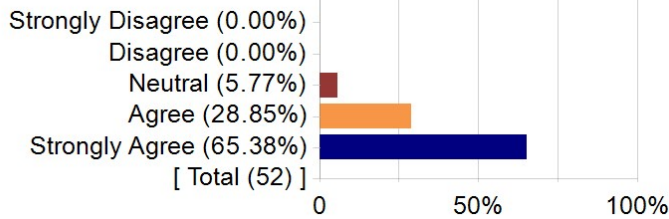
Options	Score	Count	Percentage
Strongly Disagree	1	2	3.85%
Disagree	2	0	0.00%
Neutral	3	9	17.31%
Agree	4	23	44.23%
Strongly Agree	5	18	34.62%
Statistics			Value
Mean			4.06
Median			4.00
Standard Deviation			0.94

2. Through this course I gained a deeper understanding of the subject matter.



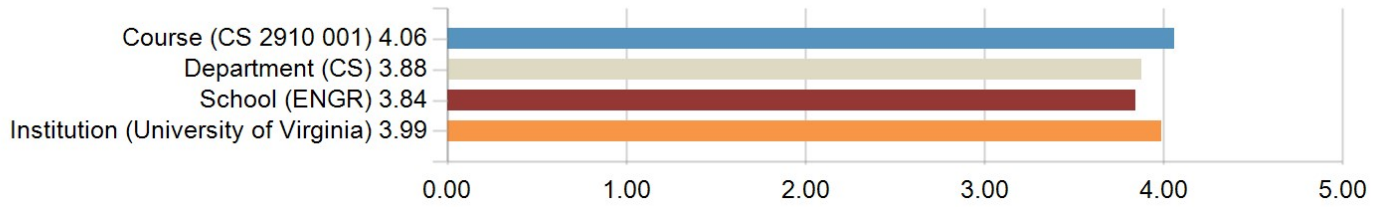
Options	Score	Count	Percentage
Strongly Disagree	1	2	3.92%
Disagree	2	0	0.00%
Neutral	3	2	3.92%
Agree	4	22	43.14%
Strongly Agree	5	25	49.02%
Statistics			Value
Mean			4.33
Median			4.00
Standard Deviation			0.89

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.

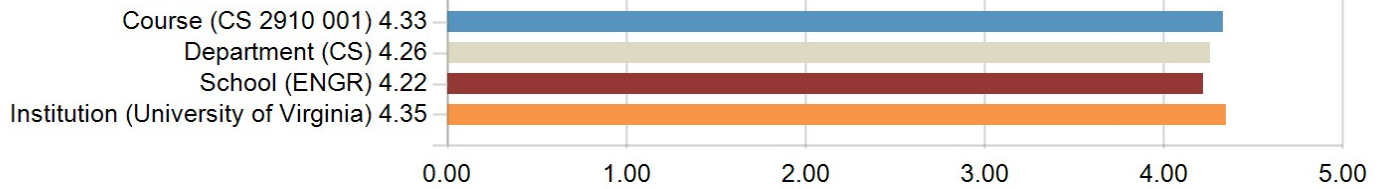


Options	Score	Count	Percentage
Strongly Disagree	1	0	0.00%
Disagree	2	0	0.00%
Neutral	3	3	5.77%
Agree	4	15	28.85%
Strongly Agree	5	34	65.38%
Statistics			Value
Mean			4.60
Median			5.00
Standard Deviation			0.60

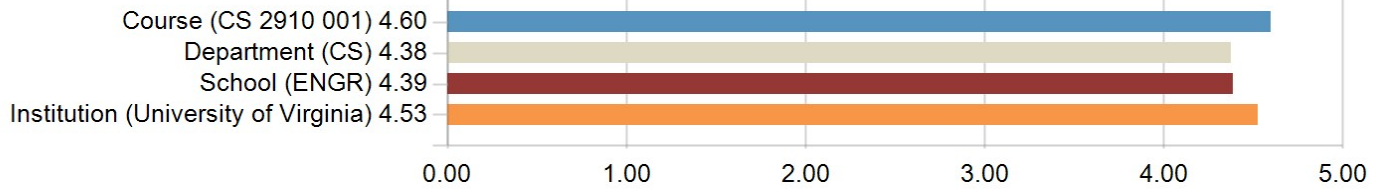
1. The course increased my enthusiasm for the topic.



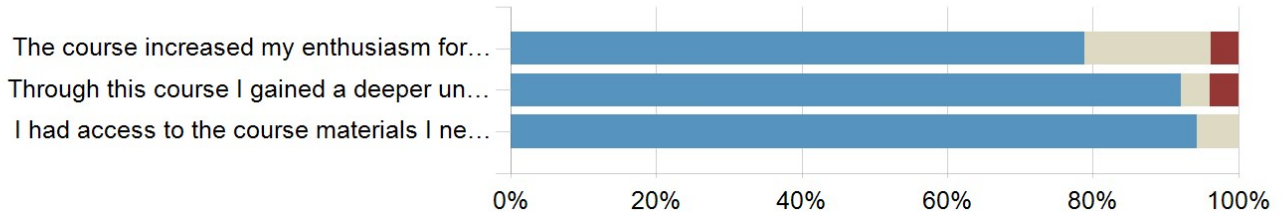
2. Through this course I gained a deeper understanding of the subject matter.



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.



■ Strongly Agree / Agree
 ■ Neutral
 ■ Strongly Disagree / Disagree



Learning Activities

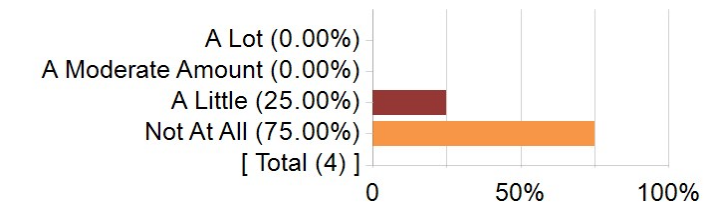
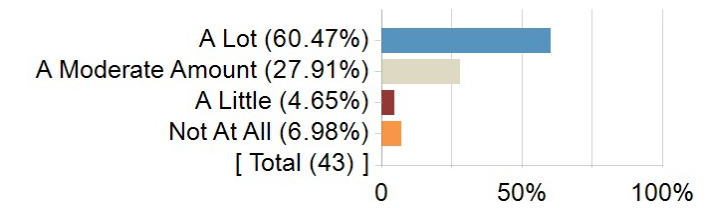
Mean values are displayed below.

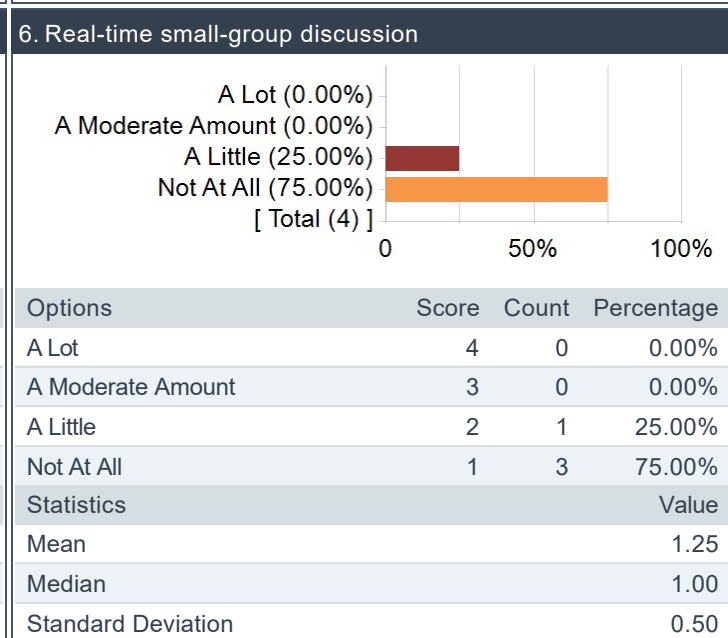
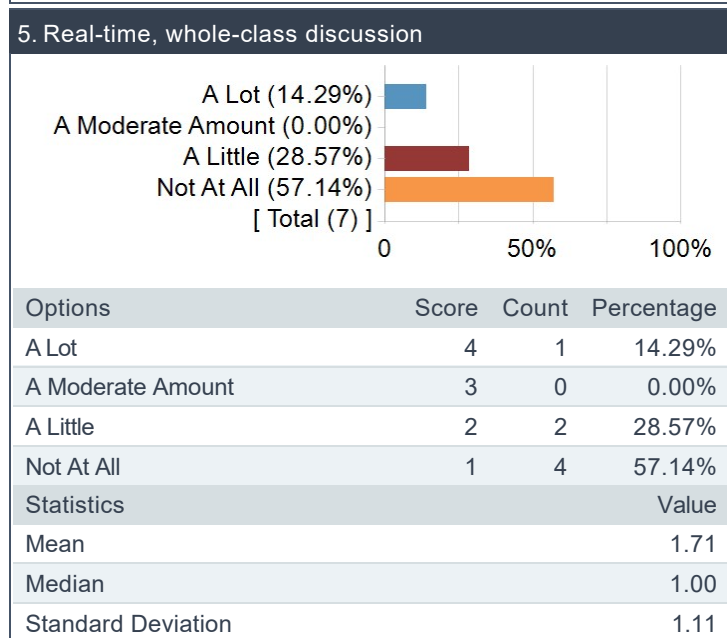
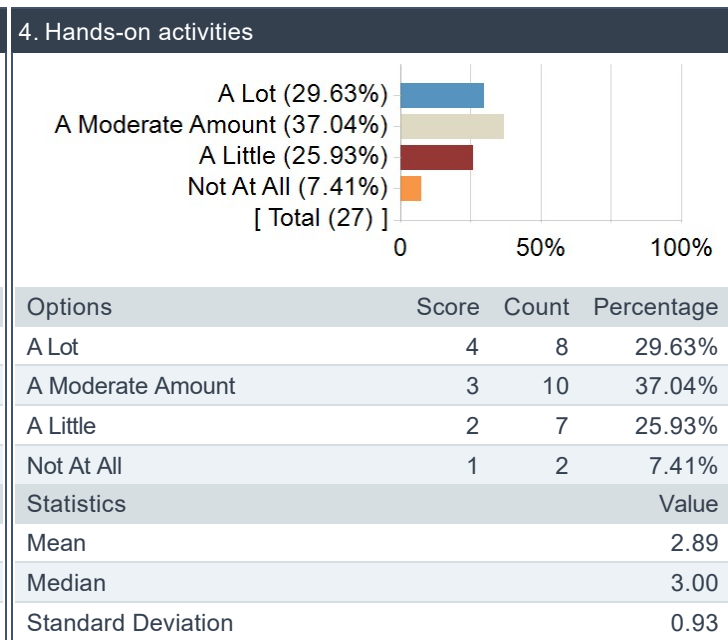
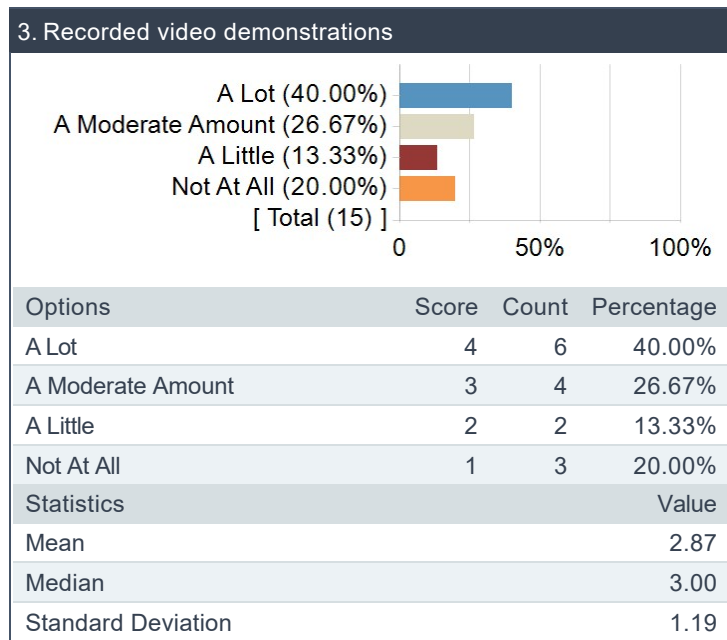
Scale: 1 = Not at All 2 = A Little 3 = A Moderate Amount 4 = A Lot

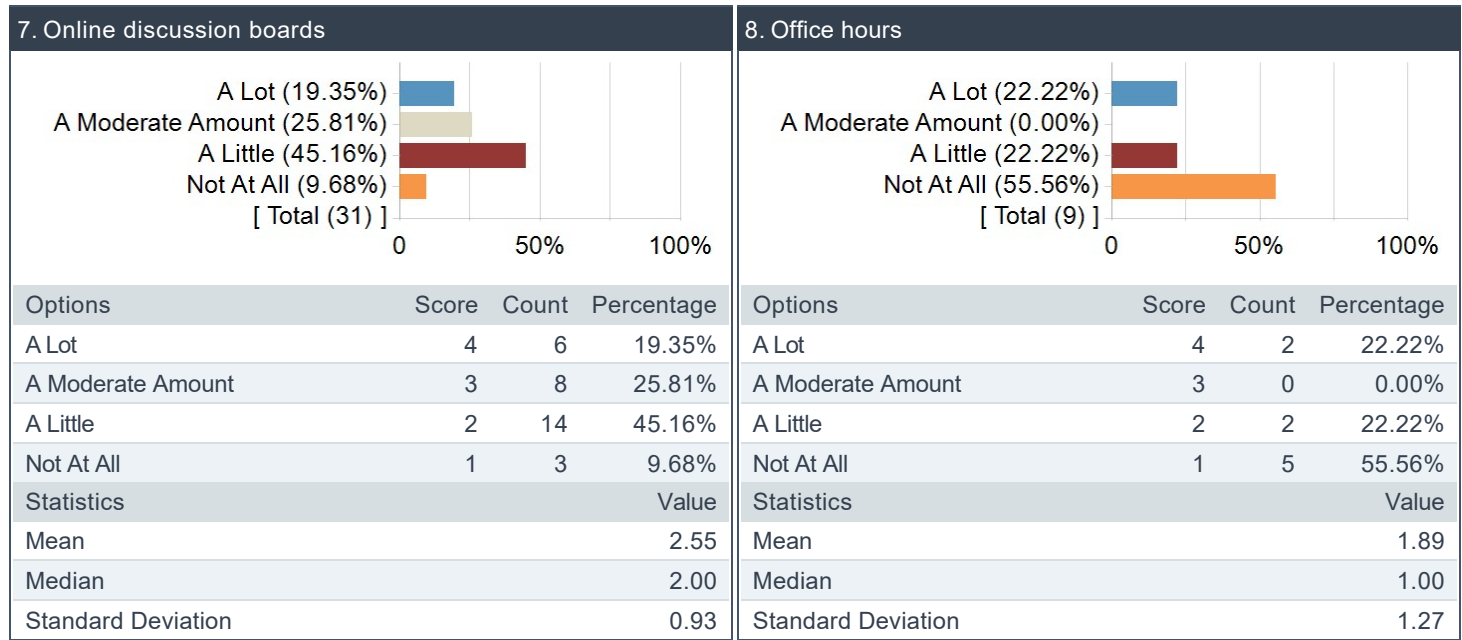
Learning Activities - To what extent did the following learning activities contribute to your learning?

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	4	1.25	2772	2.93	7907	3.06	53264	3.34
Recorded lectures	43	3.42	3755	3.23	8443	3.16	42123	3.19
Recorded video demonstrations	15	2.87	2639	3.05	5445	3.00	27197	3.00
Hands-on activities	27	2.89	3229	3.27	6768	3.20	37978	3.19
Real-time, whole-class discussion	7	1.71	1903	2.46	6169	2.68	47373	3.11
Real-time small-group discussion	4	1.25	2335	2.54	6561	2.78	47174	3.12
Online discussion boards	31	2.55	3194	2.75	6299	2.66	30412	2.69
Office hours	9	1.89	3292	2.80	7720	2.77	41459	2.78

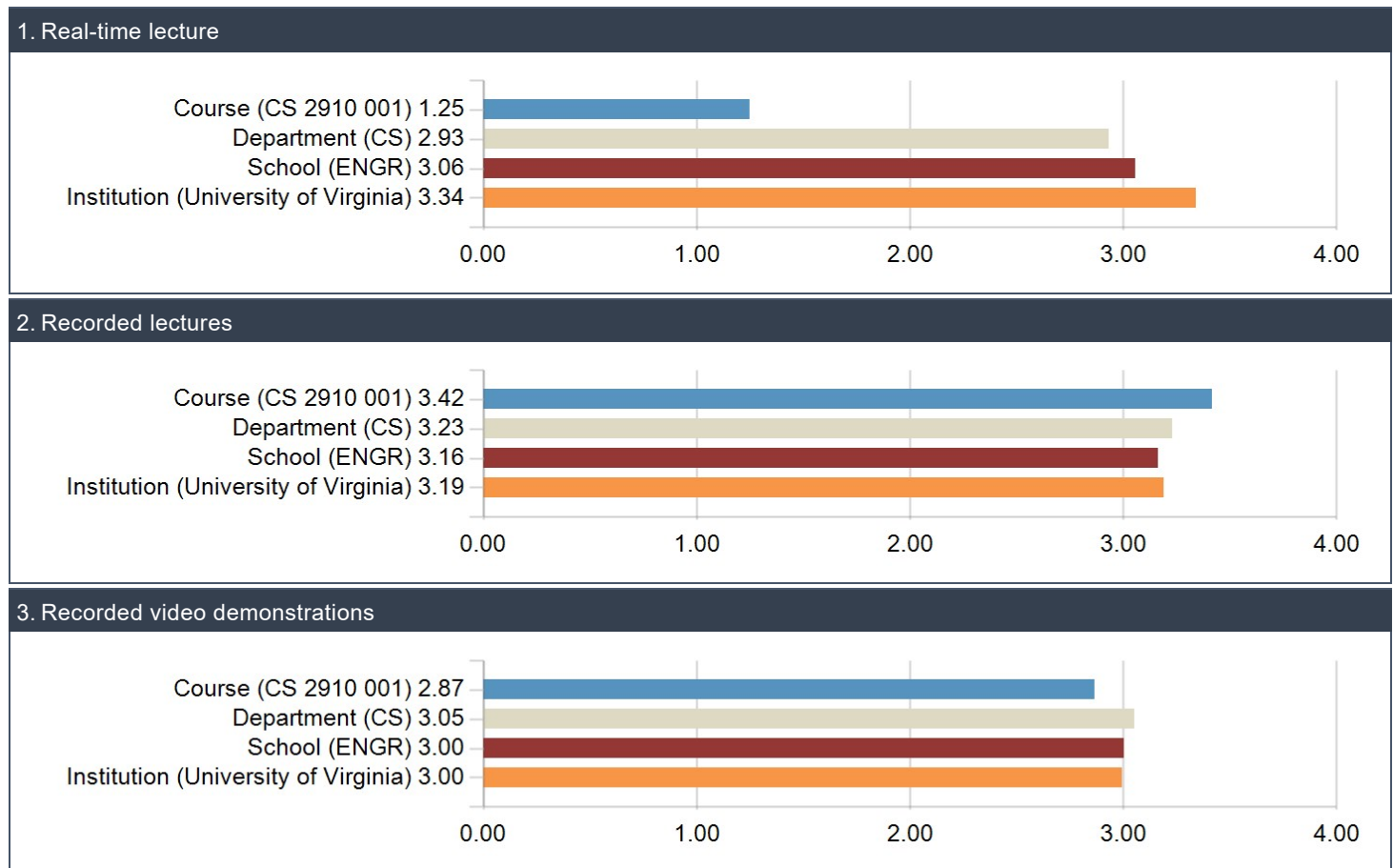
Learning Activities - To what extent did the following learning activities contribute to your learning?

1. Real-time lecture					2. Recorded lectures				
									
Options	Score	Count	Percentage		Options	Score	Count	Percentage	
A Lot	4	0	0.00%		A Lot	4	26	60.47%	
A Moderate Amount	3	0	0.00%		A Moderate Amount	3	12	27.91%	
A Little	2	1	25.00%		A Little	2	2	4.65%	
Not At All	1	3	75.00%		Not At All	1	3	6.98%	
Statistics				Value	Statistics				Value
Mean				1.25	Mean				3.42
Median				1.00	Median				4.00
Standard Deviation				0.50	Standard Deviation				0.88



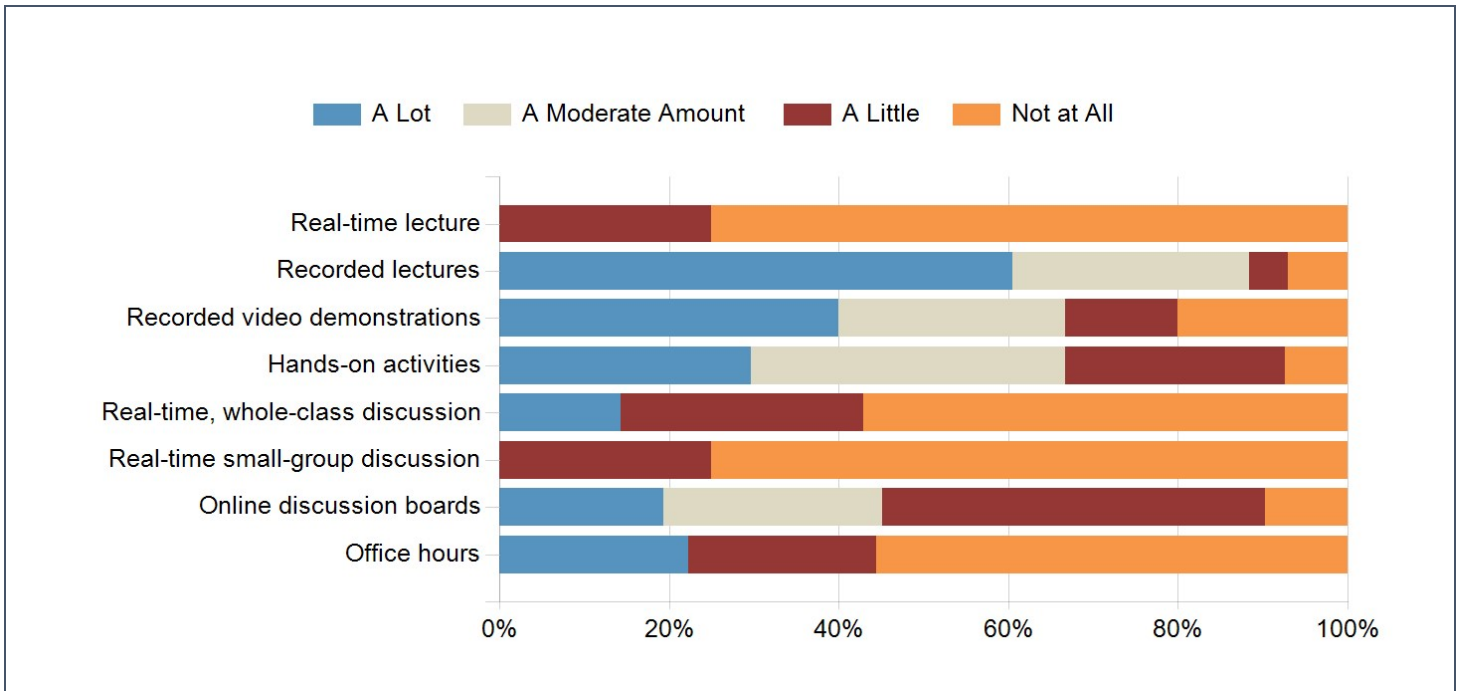


Learning Activities - To what extent did the following learning activities contribute to your learning?





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
The only thing I was required to do was read the write-ups, finish the quizzes and complete the final exam.
The assignments with suggestions of what to try during office hours each week helped me develop best practices for my office hours.
This course was entirely text-based, from one website
The class was mostly asynchronous where students read/listen to the material for the week. It was very straightforward and I like that I can do it at my own pace and time.
Since the course mostly consisted of asynchronous videos, those were what contributed to my learning in the course. Tychonievich is a master of his craft, and these videos turned out highly informative.
I learned a lot from taking what Prof Tychoneviech taught us and applying it to my actual TAing experience
Most of the class was just write-ups I had to read but the quizzes were a good way for me to learn the material.
Seeing the posts from other TAs on Discord provided me with tips on how I could improve my teaching abilities.
The recorded lectures provided most of the learning while the hands-on activities and quizzes helped ensure and enforce understanding.
The lectures really helped me become a better TA.
The recorded lectures were clean and concise.
The recorded lectures and write-ups were very helpful. The activities were a mixed bag as far as effectiveness goes
I enjoyed the format of video lectures and writeups being two mediums for the same content.
the discord was very helpful for viewing other TA experiences and helped me gain a better understanding of how to interact with students
Writeups were very well written.
The recorded lectures were thorough, enthusiastic, and informative.
The write-ups of the course content posted on the course website were my primary resource during the class and were excellent.
I thought that the way this class was structured did well in preparing us to be TA's. It made sure that we knew all the content, but it didn't add too much of a strain to our schedules. I also thought that the recorded lectures, the website, and the other resources offered to us was diverse and effective.
The recorded lectures were very informative and helpful. I felt that many of the topics covered were very applicable to my experience as a TA. Having the discord server was also a nice way to interact with other students, ask questions, and learn about other people's experiences.
The lectures were fun to watch. I enjoyed seeing the visuals that went along with them.
This class was just a TA Praticum and I watched video lectures and completed quizzes each week.
It was really nice to have both the small video lectures that explained the concepts and concrete little activities we could do that applied the knowledge from the course.
Interesting, straight to the point lectures. Fair assignments. Good communication.
The recorded lectures helped me to learn the concepts, and then the quizzes were most helpful in actively practicing them.

Course Comments

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

Comments
I wish there was more interactive components to the course!
n/a
This course should not be required for TAs, at least not asynchronously.
Prof. Tychonievich provided interesting and informative content in an accessible manner. He gave us access to course content through video, audio, and text. He also created a discourse channel for TAs to discuss with one another, which I found insightful.
I enjoy this class and it has helped me grow as a TA.
This course is definitely meant to be more in-person/interactive, although I am aware that it mostly serves as a supplement to gaining experience as a TA.
Great course that every TA should take
It was well-rounded class and the pacing was adjusted to the pandemic's circumstances, so I appreciate how the class was handled!
This course provides new TAs a good insight how to be a good teacher.
I enjoyed this course and think it'll especially be helpful taking a reflection of everything learned to use in future TA-ing opportunities.
I really liked how we were able to learn course material on our own time.
Such a great intro to really pertinent teaching questions and pedagogies!
Very useful course
This was put together well
Very simple and beneficial course
this course was very helpful in showing me how to approach being a TA and taught me how to interact with students in many different situations
This course was enjoyable, and I felt that I learned a lot about its topic matter.
It seems like making everything due at the end of the semester encouraged some bad time-management habits.
I liked the way it was run. I felt like I got out what I needed to get out of it, and I thought it was actually pretty fun and interesting to learn.
This is an amazing course for new TAs. They should continue to require new TAs to take this course.
Definitely helpful for new TAs, great advices.
I honestly got so much out of this course. It gave me a lot to consider about TA-ing and I really appreciate the perspectives and tips that it gave me. I think that having the videos be so short also helped me really pay attention and get all that I could out of them.
This course was a good experience. One credit course with one-credit amount of work. Lectures were interesting, informative, and brief. Resources were provided. Professor communicated well and was accessible.
I was impressed and pleased with how this practicum was moved online. I was worried about how it would translate in an asynchronous environment, but it was manageable and still helpful to adjusting to the role of TA.

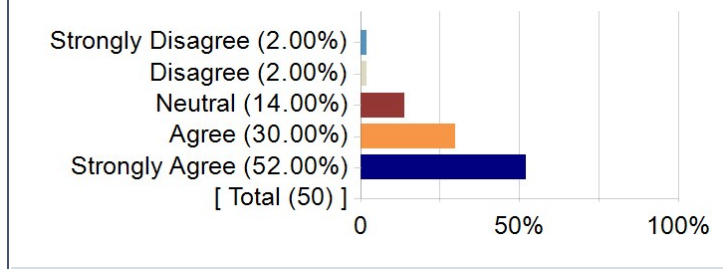
Instructor Questions

Mean values are displayed below.

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

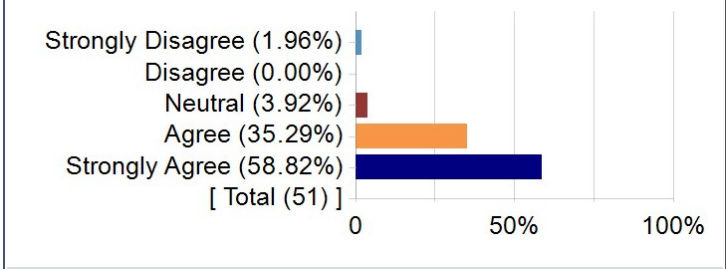
Question	Instructor Average - this course		Instructor Average - all courses (lat7h Luther Tychonievich)		Department (CS)		School (ENGR)	
	Response Count	Mean	Response Count	Mean	Response Count	Mean	Response Count	Mean
The instructor clearly communicated the course schedule and expectations for participation (e.g., readings, discussions).	50	4.28	132	4.60	4511	4.36	12427	4.37
The instructor clearly communicated the course learning objectives.	51	4.49	132	4.61	4514	4.36	12422	4.37
The instructor implemented learning activities and assignments that allowed me to demonstrate understanding of the course material.	51	4.31	132	4.46	4525	4.31	12458	4.31
The instructor provided me prompt and useful feedback on my learning.	51	4.08	131	4.31	4530	3.96	12476	3.99
The instructor provided opportunities for my active participation.	51	3.94	132	4.12	4520	4.01	12459	4.12
The instructor was available to help support my learning.	51	4.20	133	4.34	4505	4.18	12424	4.26
The instructor fostered an environment where I felt valued as an individual and that I belonged in the class.	50	4.14	131	4.29	4517	4.13	12458	4.20
Overall, the instructor was an effective teacher.	50	4.36	130	4.52	4515	4.21	12430	4.23
The instructor created an environment that respected difference and welcomed diverse perspectives.	51	4.22	132	4.27	4528	4.03	12472	4.11

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



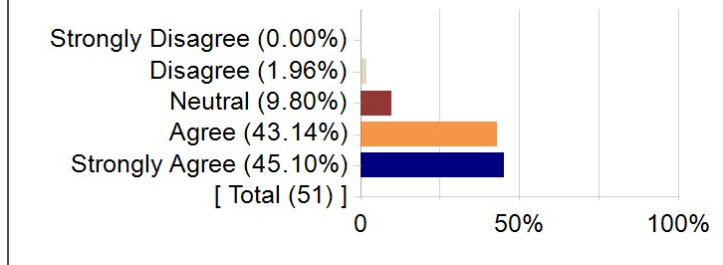
Options	Score	Count	Percentage
Strongly Disagree	1	1	2.00%
Disagree	2	1	2.00%
Neutral	3	7	14.00%
Agree	4	15	30.00%
Strongly Agree	5	26	52.00%
Statistics			Value
Mean			4.28
Median			5.00
Standard Deviation			0.93

2. The instructor clearly communicated the course learning objectives.



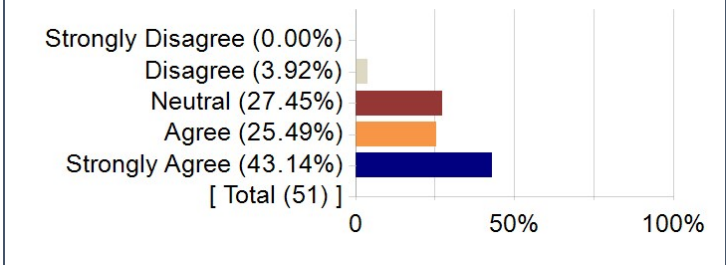
Options	Score	Count	Percentage
Strongly Disagree	1	1	1.96%
Disagree	2	0	0.00%
Neutral	3	2	3.92%
Agree	4	18	35.29%
Strongly Agree	5	30	58.82%
Statistics			Value
Mean			4.49
Median			5.00
Standard Deviation			0.76

3. The instructor implemented learning activities and assignments that allowed me to demonstrate understanding of the course material.

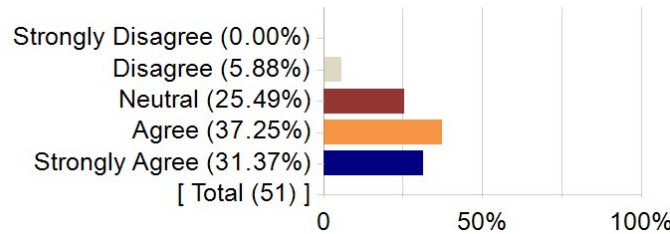
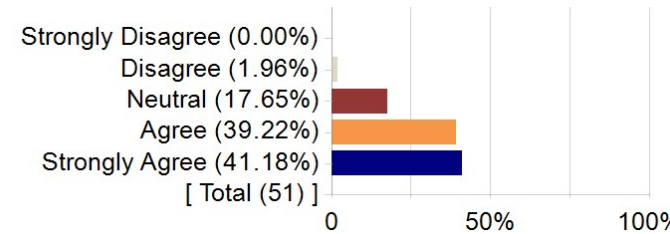
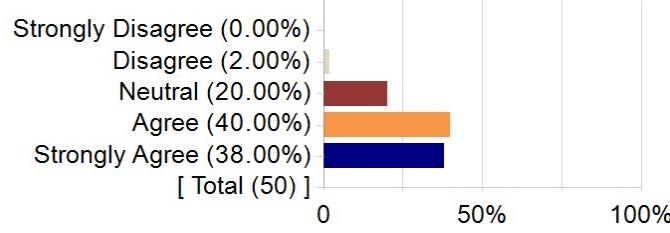
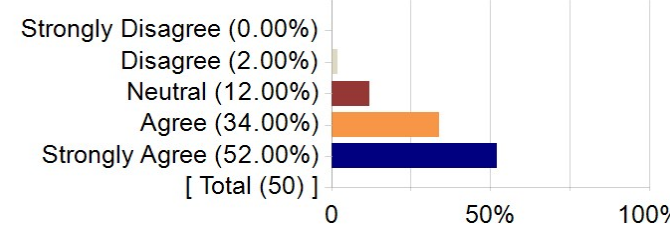


Options	Score	Count	Percentage
Strongly Disagree	1	0	0.00%
Disagree	2	1	1.96%
Neutral	3	5	9.80%
Agree	4	22	43.14%
Strongly Agree	5	23	45.10%
Statistics			Value
Mean			4.31
Median			4.00
Standard Deviation			0.73

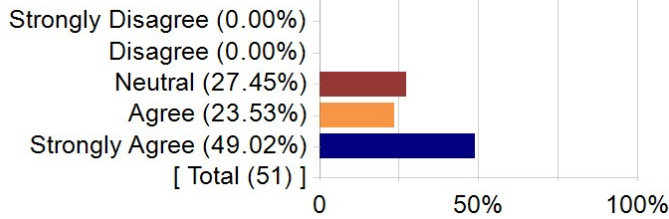
4. The instructor provided me prompt and useful feedback on my learning.



Options	Score	Count	Percentage
Strongly Disagree	1	0	0.00%
Disagree	2	2	3.92%
Neutral	3	14	27.45%
Agree	4	13	25.49%
Strongly Agree	5	22	43.14%
Statistics			Value
Mean			4.08
Median			4.00
Standard Deviation			0.93

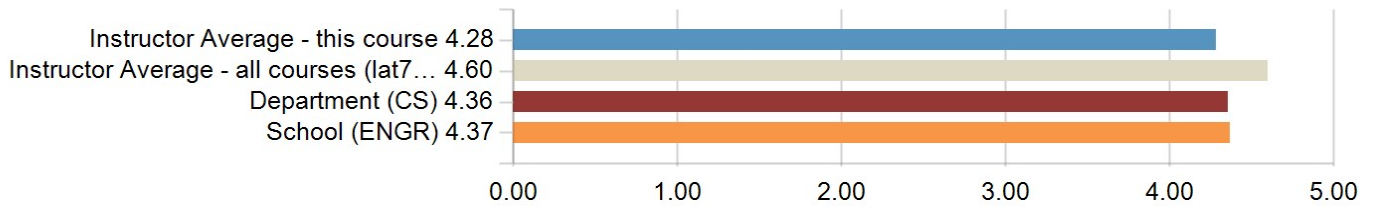
5. The instructor provided opportunities for my active participation.					6. The instructor was available to help support my learning.				
									
Options	Score	Count	Percentage		Options	Score	Count	Percentage	
Strongly Disagree	1	0	0.00%		Strongly Disagree	1	0	0.00%	
Disagree	2	3	5.88%		Disagree	2	1	1.96%	
Neutral	3	13	25.49%		Neutral	3	9	17.65%	
Agree	4	19	37.25%		Agree	4	20	39.22%	
Strongly Agree	5	16	31.37%		Strongly Agree	5	21	41.18%	
Statistics				Value	Statistics				Value
Mean				3.94	Mean				4.20
Median				4.00	Median				4.00
Standard Deviation				0.90	Standard Deviation				0.80
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.				
									
Options	Score	Count	Percentage		Options	Score	Count	Percentage	
Strongly Disagree	1	0	0.00%		Strongly Disagree	1	0	0.00%	
Disagree	2	1	2.00%		Disagree	2	1	2.00%	
Neutral	3	10	20.00%		Neutral	3	6	12.00%	
Agree	4	20	40.00%		Agree	4	17	34.00%	
Strongly Agree	5	19	38.00%		Strongly Agree	5	26	52.00%	
Statistics				Value	Statistics				Value
Mean				4.14	Mean				4.36
Median				4.00	Median				5.00
Standard Deviation				0.81	Standard Deviation				0.78

9. The instructor created an environment that respected difference and welcomed diverse perspectives.

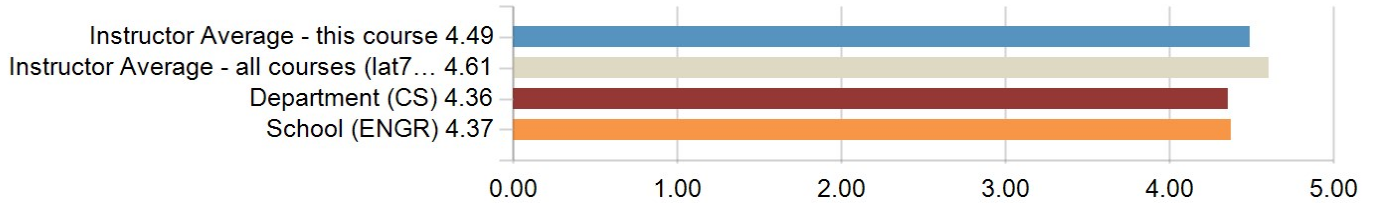


Options	Score	Count	Percentage
Strongly Disagree	1	0	0.00%
Disagree	2	0	0.00%
Neutral	3	14	27.45%
Agree	4	12	23.53%
Strongly Agree	5	25	49.02%
Statistics			Value
Mean			4.22
Median			4.00
Standard Deviation			0.86

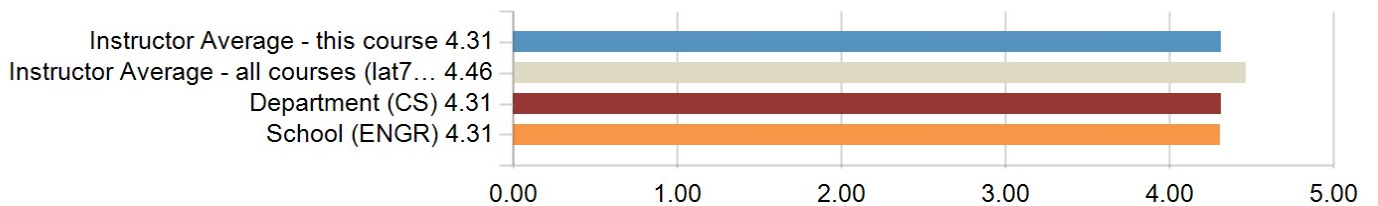
1. The instructor clearly communicated the course schedule and expectations for participation (e.g., readings, discussions).



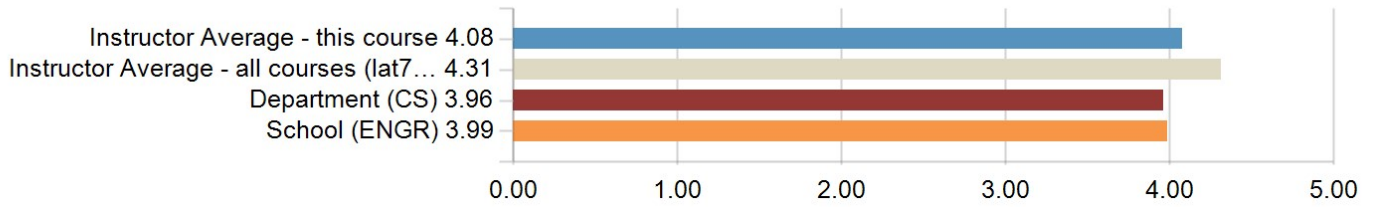
2. The instructor clearly communicated the course learning objectives.



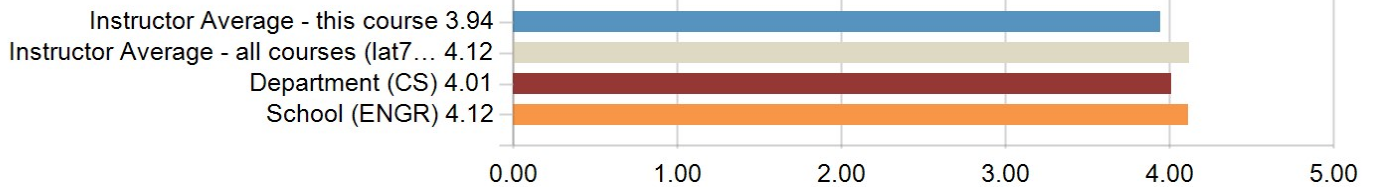
3. The instructor implemented learning activities and assignments that allowed me to demonstrate understanding of the course material.



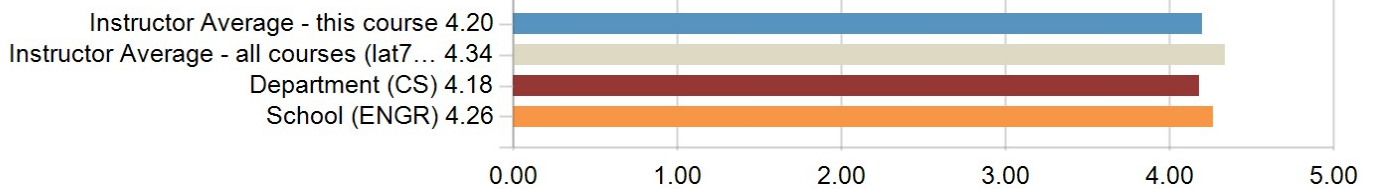
4. The instructor provided me prompt and useful feedback on my learning.



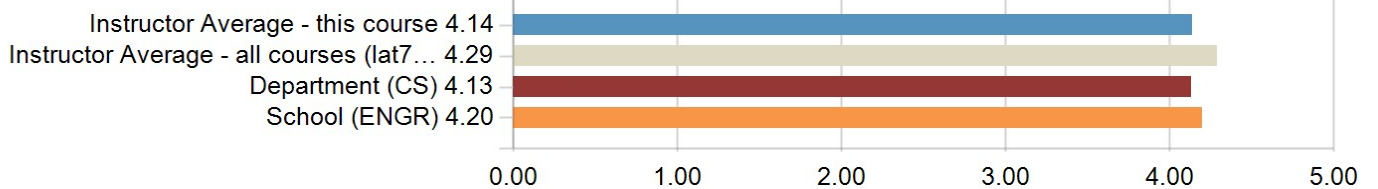
5. The instructor provided opportunities for my active participation.



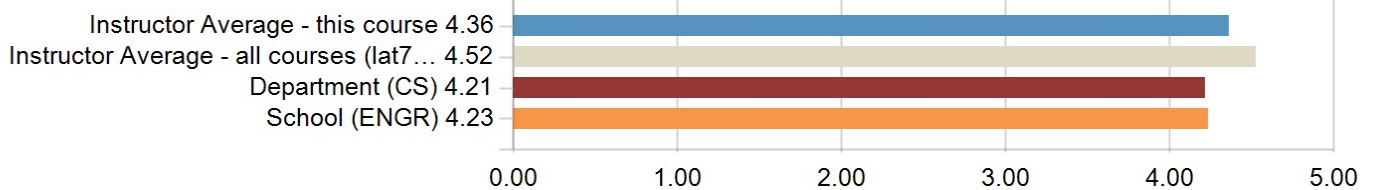
6. The instructor was available to help support my learning.



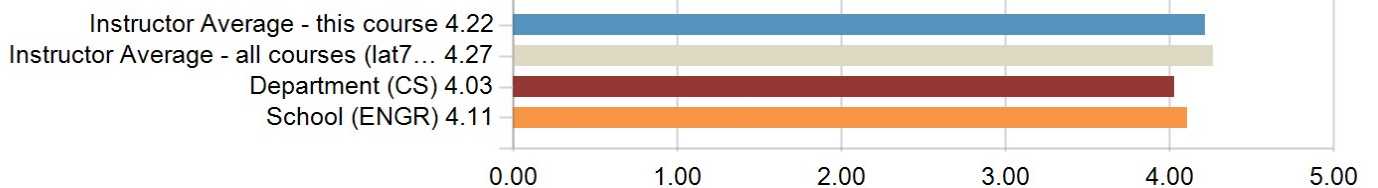
7. The instructor fostered an environment where I felt valued as an individual and that I belonged in the class.

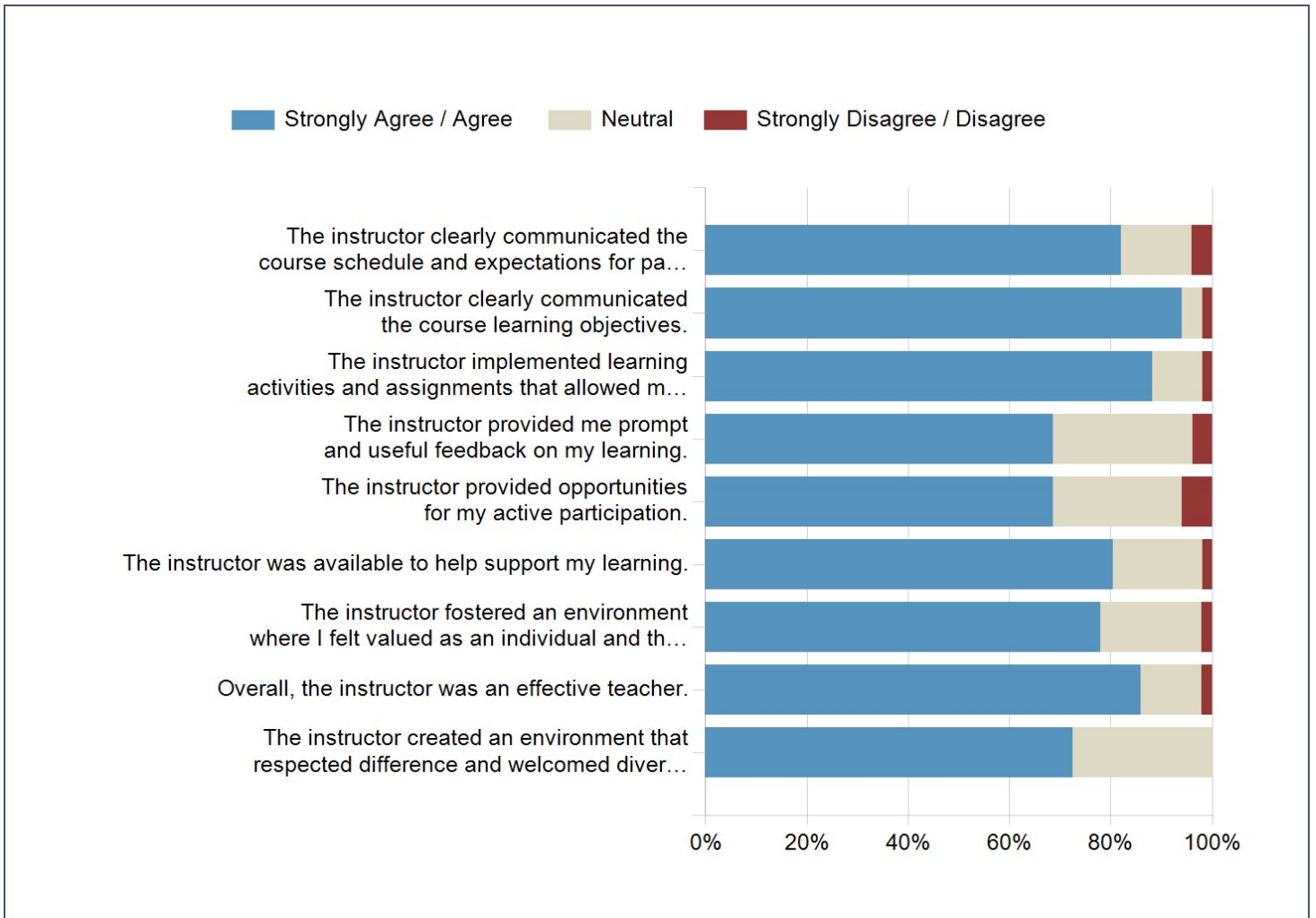


8. Overall, the instructor was an effective teacher.



9. The instructor created an environment that respected difference and welcomed diverse perspectives.





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
Prof. Tychonievich gave everyone the opportunity to share via the class discourse.
discord where people gave tips
On the online discussion board (Discord in this case), Prof. Tychonievich addresses and welcomes all TAs' questions about TA-ing and give prompt, helpful responses.
Instructor wrote lectures with the specific intent of making sure that diverse perspectives are treated with respect and welcomed. He made a point of ensuring that TAs focus on this kind of inclusivity.
The goal of the course is to make you a more effective instructor for students of any background. Professor Tychonievich had lectures regarding stereotypes and biases and working with students from different backgrounds, all of which help to create an environment for the CS department as a while that respects differences.
One of the topics we focused on was how a TA can strive to make all students feel comfortable. By including this topic, Prof Tychonievich inherently showed that he respected differences.
Professor Tychonievich was open to hearing different perspectives of teaching.
The instructor taught about and encouraged actions and words that exhibited respect for difference and opening towards diverse perspectives.
The teaching of different perspectives for how people learn and how an instructor or TA can work with those different perspectives.
Whole class was about confronting our biases and understanding differences in opportunity
Had a discord where students were able to share their thoughts and questions
We had multiple units specifically addressing how to be a good TA for a diverse student body
We had several videos devoted to discussing how to create a more welcoming and comfortable environment for diverse perspectives/people.
the discord was very friendly and allowed students to voice their experiences and prof Tychonievich would provide helpful feedback
Had many points about respecting and welcome people of difference perspectives.
The instructor was always open to questions from students.
He had a discussion board for this exact purpose. He had us post analogies, questions and advice, all from our diverse perspectives, as we were all TA's for different classes.
He literally taught us how to make sure to be accomodating of students with diverse backgrounds.
One of our units was specifically focused around diversity.
Taught with multiple approaches
There was a section for diversity and respecting each students. Clearly taught section of the curriculum involving this said topic.
A portion of the course was on how to foster an environment that supports diverse perspectives. I found this portion of the course to be extremely enlightening. I also appreciated the discord channel that we had. I feel like this facilitated conversation and allowed an opportunity to shape instruction/advice to what was needed. I feel that the course instructor gave a lot of credit to TA's and tried to insure that we learned from each other rather than solely from him. I feel like he provided us the opportunity to reflect on all sorts of former TA advice without prioritizing some over others.
The teacher was very conscious of others and was accessible to all students.
Professor Tychonievich does a great job of explaining and emphasizing the importance of diversity in all forms, so the course was naturally very welcoming to everyone.

Instructor Comments

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

Comments
Good job, dude
Make it so there are more hard deadlines throughout the course.
Prof. Tychonievich mentioned some in person sessions to chat with other TAs. I think holding more of these sessions would help improve the course.
Not much. I enjoy the class and its structure. I did wish that there was some training or practice to TAs to explain concepts to students.
Assigning due dates for each quiz might make it more effective for students in learning the materials
Possibly make the interactive portions of course material more mandatory. They seemed very easy to skip.
Discussions with other TAs rather than only having recorded lectures
Have more online discussion questions for TAs to answer.
None. Thank you for teaching this semester!
Maybe a few more interactive sessions could benefit TAs and provide them with more understanding on how to better teach and instruct students.
One suggestion I have is to send more periodic reminders so that the course material does not pile up for students where they have to do it all at once.
Keep it up
Adjusted well to online asynchronous, the format worked well for me.
I wish there was some feedback on the letter grade from the instructor, or on the essay
send out an email of when we should start going through course content because I know it was my fault that I didn't look at the site earlier, but at the beginning of the semester you said that we don't start for a few weeks so I forgot for a few weeks and only remembered when you sent the midterm email. It would be helpful to send a quick reminder when we should start working on the modules :)
I have no constructive suggestions. I felt that the course was thorough and comprehensive.
I really enjoyed learning about being a TA and the material was very practical. I would like to have more examples in the class and more exercise that we can try out.
None! I really enjoyed the way this class was structured and the content was also super helpful. I found myself being a better TA for the students in my class after utilizing these lessons.
nuffin
None. It was a great course.
For online, I think using discord was a great choice, maybe some added interactive assignments in the future?
None! Loved being able to TA and learn about TAing and reflecting on my experience as a TA through this class.
The cognitive load section was very interesting, I think that is an interesting topic to build off of.
I greatly appreciated this course and thought that it was really well-done. I would have liked to interact with other TA's more, but I believe this has more to do with the fact that collectively, TA's did not engage extensively on the discord server rather than any failing on the part of the course. I do not know if optional synchronous sessions would have helped or if no one would have attended. Honestly, in a pandemic, I do not think it is really possible to solicit TA engagement with each other, so it is more of a "if only" thought than a constructive suggestion.
n/a
Have more enforced scheduling so students don't fall behind.
The practicum was very well-done for an asynchronous online course! I do wish we could have had group assignments or discussions to meet fellow new TAs, but I'm grateful for the course nonetheless.
More communication, especially in the asynchronous format.