Spring 2022 VT Student Perceptions of Teaching (SPOT)

Course: ME4824: Intro Human-Robot Interaction-ME_4824_21882_202201

Instructor: Dylan Losey *

Response Rate: 10/14 (71.43 %)

1 - Please indicate the extent to which you agree or disagree with each of the following statements: 1A - The instructor was well prepared. **Dylan Losey Response Option** Weight Frequency Percent **Percent Responses** Means Strongly disagree 0 0.00% (1) 5.24 5.10 0 0.00% Disagree (2) Somewhat disagree 0 0.00% (3) Somewhat agree 0 0.00% (4) (5) 3 30.00% Agree Strongly agree (6) 7 70.00% 25 50 100 Question College Department College Median Response Rate Mean STD Median STD STD Mean Median Department Mean 10/14 (71.43%) 5.70 0.48 6.00 19839 5.24 1.08 6.00 2095 5.10 1.13 5.00

1 - Please indicate the extent to which you agree or disagree with each of the following statements: 1B - The instructor presented the subject matter clearly. **Dylan Losey** Means **Response Option** Weight Frequency Percent **Percent Responses** 0.00% 5.50 Strongly disagree 0 (1) 5.01 4.84 Disagree (2) 0 0.00% Somewhat disagree (3) 0 0.00% Somewhat agree (4) 1 10.00% 3 (5) 30.00% Agree 6 Strongly agree (6) 60.00% 100 Question College Department College Median Response Rate Mean STD Median STD Median Department Mean STD Mean 5.50 0.71 2078 4.84 10/14 (71.43%) 6.00 19709 5.01 1.25 5.00 1.28 5.00

1 - Please indicate the exter	nt to which	you agree	or disagre	e with each	of the fo	ollowing sta	tements						
1C - The instructor provided	d feedback	intended to	improve	my course p	erforma	ince.							
Dylan Losey													
Response Option		Weig	ht Frequ	ency Per	cent	Percent Re	esponses	;		Me	ans		
Strongly disagree		(1)	С	0.0	0%			5.56		4.97	4.88		
Disagree		(2)	C	0.0	0%						4.00	ı	
Somewhat disagree		(3)	C	0.0	0%								
Somewhat agree		(4)	С	0.0	0%								
Agree		(5)	4	44.4	14%								
Strongly agree		(6)	5	55.5	6%		ı					l	
			·			0 25	50 10	0 Questio	on	College	Departme	nt	
Response Rate	Mean	STD	Median	Colleg	je	Mean	STD	Median		Department	Mean	STD	Median
9/14 (64.29%)	5.56	0.53	6.00	1967	3	4.97	1.28	5.00		2073	4.88	1.28	5.00

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1 - Please indicate the extent to which you agree or disagree with each of the following statements:

1D - The instructor fostered an atmosphere of mutual respect.

Dylan Losey

Response Option		Weigh	nt Freque	ency	Percent	Pe	rcent R	esp	onses			Ме	ans			
Strongly disagree		(1)	0		0.00%					5.70		5.35	5.29			
Disagree		(2)	0		0.00%											
Somewhat disagree		(3)	0		0.00%	1										
Somewhat agree		(4)	0		0.00%	1										
Agree		(5)	3		30.00%											
Strongly agree		(6)	7		70.00%											
						0	25	50	100	Questio	n	College	Departme	ent		
Response Rate	Mean	STD	Median		College		Mean		STD	Median		Department	Mean	STD	Me	dian
10/14 (71.43%)	5.70	0.48	6.00		19693		5.35		1.03	6.00		2075	5.29	1.01	6	.00

1 - Please indicate the extent to which you agree or disagree with each of the following statements:

1E - Overall, the instructor's teaching was effective.

Dylan Losey

Response Option		Weigh	t Frequency	Percent	Pe	ercent R	lespo	nses			M	eans		
Strongly disagree		(1)	0	0.00%	1				5.60		5.00	4.87		
Disagree		(2)	0	0.00%	1						0.00	4.07		
Somewhat disagree		(3)	0	0.00%										
Somewhat agree		(4)	1	10.00%										
Agree		(5)	2	20.00%										
Strongly agree		(6)	7	70.00%										
					0	25	50	100	Question	ı	College	Departme	ent	
Response Rate	Mean	STD	Median	College		Mean	- 5	STD	Median	-	Department	Mean	STD	Median
10/14 (71.43%)	5.60	0.70	6.00	19556		5.00		1.28	5.00		2071	4.87	1.30	5.00

2 - 2A - What did the instructor do that most helped in your learning?

7/14 (50%)

Dylan Losey

Response Rate

- The sheer amount of effort he made to connect with us both as students and people. One of only three professors that I've ever had remember my name throughout the semester (the other two are Roger Chang and Christopher Galitz). The class material was really really interesting with a large amount of visible effort to help engage and enthuse us as well as a pretty well-made effort to introduce us to some interesting state-of-the-art applications of what we were learning.
- he helped me talk about robotics and learning, even if I did not know what I was talking about initially. I would take this professor's classes again without question.
- I felt that the homeworks early in the semester really helped me grasp the concepts
- Explained the materials very clear. Office hours were very useful
- He was prepared, got grades back, lenient where it counts and provided constant helpful feedback when students ran into issues. Not to mention, his class format involving student teaching helps not just the class but also the presenters best understand the content that's on display within the class.
- · Assigned pre-class readings. Being able to get a basic understanding of the content before class helped a lot with comprehension.
- I really liked how he brought real world examples into the classroom everyday. This really helped me visualize how HRI applies to the real world.

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10/14 (71.43%)

3 - Please indicate the extent to which you agree or disagree with each of the following statements: 3A - I have a deeper understanding of the subject matter as a result of this course. **Response Option** Weight Frequency **Percent Responses** Strongly disagree 0 0.00% 5.40 (1)5.11 5.00 0 (2) 0.00% Disagree Somewhat disagree (3)0 0.00% 2 Somewhat agree (4)20.00% Agree (5) 2 20.00% 6 Strongly agree (6)60.00% 25 50 100 STD Response Rate Mean STD Median College Mean STD Median Department Mean Median

5.11

1.12

5.00

2066

5.00

1.11

5.00

18115

3 - Please indicate the extent to which you agree or disagree with each of the following statements: 3B - My interest in the subject matter was stimulated by this course. **Response Option** Weight Frequency Percent **Percent Responses** Means 0.00% 5.44 Strongly disagree (1)0 4.85 4.71 0 0.00% Disagree (2)Somewhat disagree (3)0 0.00% (4) 1 Somewhat agree 11.11% 3 Agree (5)33.33% 5 55.56% Strongly agree (6)25 50 100 Question College Department Response Rate Mean STD College Mean Department STD Median 9/14 (64.29%) 5.44 0.73 18025 4.85 1.35 5.00 4.71 1.35 5.00

4 - 4A - What could you have done to be a better learner?

5.40

0.84

6.00

Response Rate 6/14 (42.86%)

- Put more effort into the class project, it was a rough semester
- I could have sat closer to the screen, it was very hard to focus in such a cramped room
- I could have tried harder to pay attention in class
- I could have probably taken better notes during class, since most of the time I was more focused on the slides content than making sure I had it stored in my actual notebook, but that's a very minor thing if anything.
- Asked more questions
- I think I should go over the notes more before class. I will help me refresh my knowledge so that I can ask better questions later on.

5 - 5A - Please add any additional comments regarding the course and/or instructor here:

Dylan Losey

Response Rate 6/14 (42.86%)

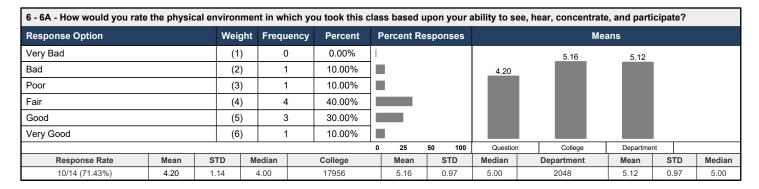
- Be a bit more careful with groups and assign more group milestones to ensure more steady progress on the project.
- Overall, I felt that this class was very well executed. I have a deeper interest in human-robot interaction and I can definitely see myself applying what I learned in my hobbies.
- The instructor has a good knowledge about the materials.
- Professor Losey, I want you to know that in the time I've been at Virginia Tech, you are easily my favorite professor I've had here. You're polite, concise, quick on your feet and very well engaged in material that the university doesn't do a good enough job at teaching to undergraduate students unless they're literally doing research at every chance they get. I mean it when I say that getting to take Robotics and Automation and HRI has been a highlight of going to Virginia Tech and Majoring in Mechanical Engineering (For the record, I'd been following Virginia Tech trying to offer a robotics engineering degree since 2016, so naturally they only offered it when I was finished with my degree, but I digress). Truly, thank you.
- Dr. Losey did a great job explaining content while keeping lectures interesting.
- This is the best professor you can have to teach this class. All of his current research is very well related to what you learn in class

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Response Rate: 10/14 (71.43 %)

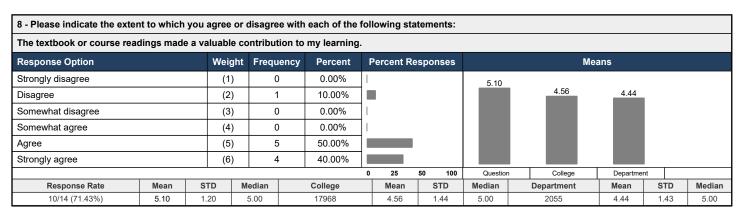


7 - 7A - Please add any comments about the physical environment here:

Response Rate 6/14 (42.86%)

- · Please renovate some of the classrooms, give us tables or desks instead of the crappy chair desks that can't hold a laptop and notepad.
- · I personally do not like the small tables in McBryde
- Good
- Not a knock on the class itself but McBryde is a REALLY cramped space for a class like this. Hopefully next time this course is offered the construction on the surrounding buildings will be done and there'll be a better place to hold this class.
- The class was a bit cramped, but everything was able to be understood.
- The classroom was a little too small for the amount of people there.

8 - Please indicate the extent to which you agree or disagree with each of the following statements: I improved my ability to problem solve. Means **Response Option** Weight Frequency Percent **Percent Responses** Strongly disagree (1) 0 0.00% 5.30 5.06 4 96 Disagree (2) 0 0.00% 0.00% Somewhat disagree (3)0 Somewhat agree 10.00% (4)1 50.00% Agree (5)5 4 (6) 40.00% Strongly agree 50 100 Question College Department 25 Response Rate Mean STD Median College Mean STD Median Department Mean STD Median 10/14 (71.43%) 5.30 0.67 5.00 18068 5.06 1.08 5.00 2067 4.96 1.10 5.00



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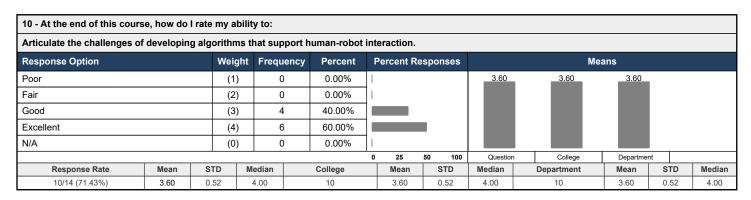
Instructor: Dylan Losey *

Response Rate: 10/14 (71.43 %)

8 - Please indicate the exte	ent to which	you agree	or disagre	e with e	ach of the	foll	owing sta	atem	ents:						
The objectives of the cour	se were clea	arly explain	ed.												
Response Option		Weig	ht Frequ	uency	Percent	Р	ercent R	espo	nses			Me	ans		
Strongly disagree		(1)	C)	0.00%	1				5.67		5.07	4.91		
Disagree		(2)	C)	0.00%								4.91		
Somewhat disagree		(3)	C)	0.00%										
Somewhat agree		(4)	C)	0.00%										
Agree		(5)	3	3	33.33%										
Strongly agree		(6)	6	3	66.67%										
		•				0	25	50	100	Question	1	College	Departm	ent	
Response Rate	Mean	STD	Median	(College		Mean		STD	Median		Department	Mean	STD	Median
9/14 (64.29%)	5.67	0.50	6.00		18003		5.07		1.15	5.00		2055	4.91	1.19	5.00

The out-of-class assignment	ents were ed	lucationally	valuable.										
Response Option		Weig	ht Frequer	ncy Percent	Pe	ercent Ro	esponse	5		Ме	ans		
Strongly disagree		(1)	0	0.00%	1				5.56	5.01	4.90		
Disagree		(2)	0	0.00%	1					0.01	4.90		
Somewhat disagree		(3)	0	0.00%	1								
Somewhat agree		(4)	0	0.00%	1								
Agree		(5)	4	44.44%									
Strongly agree		(6)	5	55.56%			ı						
				'	0	25	50 10	0 C	uestion	College	Departmer	ıt	
Response Rate	Mean	STD	Median	College		Mean	STD	Med	ian	Department	Mean	STD	Media
9/14 (64.29%)	5.56	0.53	6.00	17908		5.01	1.20	5.0	00	2050	4.90	1.23	5.00

Dylan Losey																
Response Option		Weig	ght F	requency	Percent	P	Percent Re	esp	onses			Ме	ans			
Strongly disagree		(1)	0	0.00%	1				5.56		5.26	5.18			
Disagree		(2)	0	0.00%											
Somewhat disagree		(3)	0	0.00%											
Somewhat agree		(4)	0	0.00%											
Agree		(5)	4	44.44%											
Strongly agree		(6)	5	55.56%											
						0	25	50	100	Question	1	College	Departme	nt		
Response Rate	Mean	STD	Medi	ian	College		Mean		STD	Median		Department	Mean	S.	TD	Media
9/14 (64.29%)	5.56	0.53	6.0	0	19417		5.26	Т	1.02	6.00		2036	5.18	1.	05	5.00

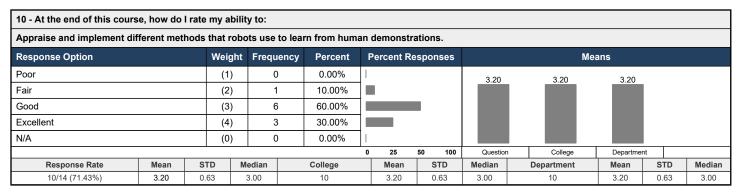


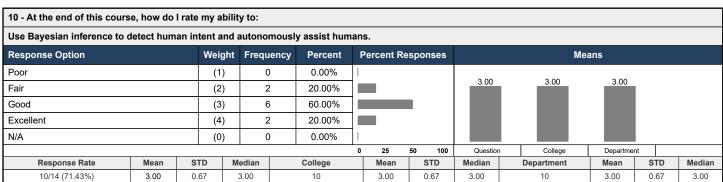
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10 - At the end of this cou	rse. how do	I rate my al	oility to:								
Apply safe and optimal co				afely but efficiently	y operate aı	ound hum	ans.				
Response Option		Weig	ht Frequ	ency Percent	Percent I	Responses		Me	ans		
Poor		(1)		0.00%	1		3.10	3.10	2.40		
Fair		(2)	2	20.00%			3.10	3.10	3.10	l	
Good		(3)	5	50.00%				_			
Excellent		(4)	3	30.00%				_			
N/A		(0)	C	0.00%	1						
			•	•	0 25	50 10	Questic	on College	Departme	nt	
Response Rate	Mean	STD	Median	College	Mean	STD	Median	Department	Mean	STD	Median
10/14 (71.43%)	3.10	0.74	3.00	10	3.10	0.74	3.00	10	3.10	0.74	3.00

10 - At the end of this cou	rse, how do	I rate my ab	ility to:										
Combine human and robe	ot control inp	uts for ass	stive autor	nomy tasks.									
Response Option		Weig	ht Freque	ncy Percent	Pe	rcent R	espon	ses			Means		
Poor		(1)	0	0.00%	1				3.30	3.30	3.30		
Fair		(2)	2	20.00%								l	
Good		(3)	3	30.00%									
Excellent		(4)	5	50.00%									
N/A		(0)	0	0.00%	1								
					0	25	50	100	Question	College	Departme	nt	
Response Rate	Mean	STD	Median	College		Mean	ST	ΓD	Median	Department	Mean	STD	Median
10/14 (71.43%)	3.30	0.82	3.50	10		3.30	0.0	82	3.50	10	3.30	0.82	3.50

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10 - At the end of this cour	se, how do	I rate my ab	ility to:										
Plan, conduct, and analyze	a user stud	dy that invol	ves huma	n-robot interaction	n.								
Response Option		Weigh	nt Frequ	ency Percent	F	Percent R	esp	onses		М	eans		
Poor		(1)	0	0.00%	1				3.30	3.30	3.30		
Fair		(2)	1	10.00%									
Good		(3)	5	50.00%									
Excellent		(4)	4	40.00%									
N/A		(0)	0	0.00%	1								
		•	·	•	0	25	50	100	Question	n College	Departme	nt	
Response Rate	Mean	STD	Median	College		Mean		STD	Median	Department	Mean	STD	Median
10/14 (71.43%)	3.30	0.67	3.00	10		3.30		0.67	3.00	10	3.30	0.67	3.00

