

Virginia Tech
Spring 2026 VT Student Perceptions of Teaching (SPOT)

Course: ME_5824_21206_202601: Human-Robot Interaction-ME_5824_21206_202601
 Instructor: Dylan Patrick Losey *
 Response Rate: 19/25 (76.00%)

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

1A - The instructor was well prepared.

Dylan Patrick Losey

Response Option	Weight	Frequency	Percent	Percent Responses	Means							
Strongly disagree	(1)	0	0.00%		5.89	5.33	5.35					
Disagree	(2)	0	0.00%		Question	College	Department					
Somewhat disagree	(3)	0	0.00%		Mean	STD	Median	Department	Mean	STD	Median	
Somewhat agree	(4)	0	0.00%		19/25 (76.00%)	5.89	0.32	6.00	24779	5.33	0.97	6.00
Agree	(5)	2	10.53%		6.00	3346	5.35	0.97	6.00			
Strongly agree	(6)	17	89.47%									

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 Patrick Losey

Response Option	Weight	Frequency	Percent	Percent Responses	Means							
Strongly disagree	(1)	0	0.00%		5.84	5.17	5.15					
Disagree	(2)	0	0.00%		Question	College	Department					
Somewhat disagree	(3)	0	0.00%		Mean	STD	Median	Department	Mean	STD	Median	
Somewhat agree	(4)	0	0.00%		19/25 (76.00%)	5.84	0.37	6.00	24533	5.17	1.10	5.00
Agree	(5)	3	15.79%		5.00	3316	5.15	1.15	6.00			
Strongly agree	(6)	16	84.21%									

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

1C - The instructor provided feedback intended to improve my course performance.

Dylan Patrick Losey

Response Option	Weight	Frequency	Percent	Percent Responses	Means							
Strongly disagree	(1)	0	0.00%		5.63	5.12	5.04					
Disagree	(2)	0	0.00%		Question	College	Department					
Somewhat disagree	(3)	1	5.26%		Mean	STD	Median	Department	Mean	STD	Median	
Somewhat agree	(4)	0	0.00%		19/25 (76.00%)	5.63	0.76	6.00	24512	5.12	1.14	5.00
Agree	(5)	4	21.05%		5.00	3314	5.04	1.20	5.00			
Strongly agree	(6)	14	73.68%									

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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 Patrick Losey

Response Option	Weight	Frequency	Percent	Percent Responses	Means							
Strongly disagree	(1)	0	0.00%		5.89	5.40	5.39					
Disagree	(2)	0	0.00%		Question	College	Department					
Somewhat disagree	(3)	0	0.00%		Mean	STD	Median	Department	Mean	STD	Median	
Somewhat agree	(4)	0	0.00%		19/25 (76.00%)	5.89	0.32	6.00	24504	5.40	0.94	6.00
Agree	(5)	2	10.53%		6.00	3312	5.39	0.96	6.00			
Strongly agree	(6)	17	89.47%									

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 Patrick Losey

Response Option	Weight	Frequency	Percent	Percent Responses	Means							
Strongly disagree	(1)	0	0.00%		5.79	5.16	5.13					
Disagree	(2)	0	0.00%		Question	College	Department					
Somewhat disagree	(3)	0	0.00%		Mean	STD	Median	Department	Mean	STD	Median	
Somewhat agree	(4)	0	0.00%		19/25 (76.00%)	5.79	0.42	6.00	24354	5.16	1.13	5.00
Agree	(5)	4	21.05%		5.00	3302	5.13	1.19	5.00			
Strongly agree	(6)	15	78.95%									

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

Dylan Patrick Losey

Response Rate 14/25 (56%)

- In class discussions were helpful. Even though I struggled with generating ideas, now I believe I could do better and think and look for creative and efficient solutions. Vectorization/Velocity lecture has solved all my problems in this regards. I had trouble in safety module, and wished Vectorization/Velocity for thinking was taught first! I'm glad I took this course, as it taught me the workflow of how to implement and make things just work, then improve things.
- Walked through homeworks without giving answers straight up
- Professor Losey has easily been the best professor I've had at VT. I had him for both HRI and intro to robotics. He speaks clearly in terms that everyone can understand and follow. He does a really good job of making complex topics very easy to understand.
- Discussions in class towards the assignment and the topic.
- I really liked the half flipped classroom format. The lectures were clear and straightforward to follow, and having the next class be a more practical implementation really helped reinforce the ideas presented in the lecture.
- Provided clear examples of applying concepts from class to real-world applications.
- The power points and code along homeworks were so well done. I have a much better understanding of the material. I never had touched python before this class, but the way it was used made it manageable and fun.
- While I knew I wanted to enroll in this course, I was pleasantly surprised when I learned Dr. Losey was teaching it, and it did not disappoint. While it is a coding heavy course, Losey did a good job ensuring the students got a good understanding of the python scripts. He's always well prepared and provided meaningful and entertaining homework. The course project was also a nice touch allowing students to address different areas of human-robot interactions. I personally got to dive into MediaPipe and OpenCV, something I could never imagine I would be able to create before this class. Opened my eyes to the wonders of robotics. As the course is highly interactive by it's very nature, Dr. Losey does a good job facilitating class discussion, and wants students to participate.
- I think really focusing down on discussions and working through problems in class was a great strategy, made the material much more approachable. Did a good job of making sure different voices were heard in class.
- Gave pauses to make sure we were understanding the content. Additionally, allowed students to bounce ideas back and forth to get a more professional opinion.
- Having all parts from methods, discussion to demo in the lecture.
- Dr. Losey was really great at explaining the concepts needed to understand the assignments and showed us interesting case study videos that gave a lot of insight into various robotics concepts.
- This topic is vast and it is easy to get lost in the content. I think the instructor did an excellent job by introducing us to major topics and providing hands on codes for HW, to give us good basic understanding of the theory and the coding aspect of the subject. Further, I really liked how the Instructor encouraged thinking on open ended questions, and sharing those thoughts to the class.
- The instructor provided the students with practice problems to keep the lectures engaging and dedicated one lecture per week to helping students get started on the homework assignment by providing answers to any questions anyone may have.

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	Percent Responses	Means						
Strongly disagree	(1)	0	0.00%		5.68	5.23	5.24				
Disagree	(2)	0	0.00%								
Somewhat disagree	(3)	0	0.00%								
Somewhat agree	(4)	0	0.00%								
Agree	(5)	6	31.58%								
Strongly agree	(6)	13	68.42%								
					Question	College	Department				
Response Rate	Mean	STD	Median	College	Mean	STD	Median	Department	Mean	STD	Median
19/25 (76.00%)	5.68	0.48	6.00	22355	5.23	0.99	5.00	3198	5.24	1.00	5.00

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						
Strongly disagree	(1)	0	0.00%		5.79	5.01	4.97				
Disagree	(2)	0	0.00%								
Somewhat disagree	(3)	0	0.00%								
Somewhat agree	(4)	0	0.00%								
Agree	(5)	4	21.05%								
Strongly agree	(6)	15	78.95%								
					Question	College	Department				
Response Rate	Mean	STD	Median	College	Mean	STD	Median	Department	Mean	STD	Median
19/25 (76.00%)	5.79	0.42	6.00	22352	5.01	1.22	5.00	3205	4.97	1.24	5.00

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4 - 4A - What could you have done to be a better learner?	
Response Rate	14/25 (56%)
<ul style="list-style-type: none"> • Wednesday lectures were helpful but as code along, but I feel I should have had a chance to implement my strategy a day before the lecture, and during the lecture I could have had more direction. • Gone to office hours / learned more python before hand • I think at this point any class gives you what you want out of it, if you take the time to really be interested and learn the topics you can. It's the amount of time you spend to understand the topics in depth. Time is really the limiting factor. • Read papers on each topic. • Completed all of the homeworks • I did all the homeworks and such as I could, would have been better to start the final project sooner. • This is as much on the students to do on their own, but perhaps dive deeper into the various libraries imported into the scripts as well as providing good resources on said libraries. • Think I did a fair job as a learner. • Possibly prepare better for the Wednesdays classes a little bit better like downloading the files before lecture and reading what we are getting into (possibly make the files available mid Tuesday). • Dive deeper into homework and explore possibilities. • Repeat lectures, before assignment day. • I wish I could have spent more time on each assignment to go more in depth since they were really interesting. • I wish I could have been able to spend more time on exploring the assignments. I also wish I could have had more time to pursue the course project, which I am super interested in, but due to being a PhD student, sadly couldn't devote much time. • Read more papers related of the topics discussed in class. 	

5 - 5A - Please add any additional comments regarding the course and/or instructor here:	
Dylan Patrick Losey	
Response Rate	9/25 (36%)
<ul style="list-style-type: none"> • Thank you Dr. Losey for creating this course, as well as sharing helpful course materials, as a beginner in the field, I am more enthusiastic to learn! It has smoothen the inertia I had when approaching robotics as a field to pursue. I am also glad I got to learn implementation of Neural Networks as well, DAGger BC and upscaling lecture was very interesting, human model and assistive robotics was new to me. I feel like I got my credits worth with this course. I am also glad that TA was always there helping us whenever needed. • Wish we could have worked with some actual physical robots at least once • Good instructor with regular practical experience with the subject matter. • I thought this class was fantastic! really interesting content. My only (small) complaint is that the homework instructions were split between the github and the canvas submission page. Having all the instructions all in one place would have made doing the assignments more straightforward. • Probably the best structured class I've ever had. I learned a ton without too much stress. • I loved this class so much and Dr. Losey is my favorite professor at Tech. Please continue doing what you do! Name a building after him. • Great class! Excited to apply what I've learned. • I think it would be nice to have something similar to your Robotics and Automation class where you had a short video going over the lecture slides so that when we do look back, especially during the final project, to "relive" the lecture. But I can also see why that may not be justified too, trusting your students to retain the knowledge and looking at just the slides. Also, the GitHub files being available slightly earlier would be great for next time. • I just think that if project has a 50% weightage, the assignments in the second half of the course could be reduced further in terms of submission questions/analysis needed. Though a lot of it was covered in class, finishing and making sure all asks are submitted took atleast 3 hours, some even more. (I am quite good with python and coding). 	

6 - 6A - How would you rate the physical environment in which you took this class based upon your ability to see, hear, concentrate, and participate?												
Response Option		Weight	Frequency	Percent	Percent Responses	Means						
Very Bad		(1)	0	0.00%								
Bad		(2)	0	0.00%								
Poor		(3)	1	5.26%	█							
Fair		(4)	5	26.32%	█							
Good		(5)	5	26.32%	█							
Very Good		(6)	8	42.11%	█							
					0	25	50	100	Question	College	Department	
Response Rate	Mean	STD	Median	College	Mean	STD	Median	Department	Mean	STD	Median	
19/25 (76.00%)	5.05	0.97	5.00	21874	5.27	0.88	5.00	3153	5.24	0.88	5.00	

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

Response Rate 10/25 (40%)

- A very big classroom has its merits and drawbacks.
- Maybe more outlets for computers?
- Not enough access to outlets in the classroom.
- THERE NEEDS TO BE MORE POWER OUTLETS IN THE CLASS!!!!!!!!!!!!!!
- Engaging with mutual respect between teacher and students. Also very helpful that GTAs were present to help with python scripts and software
- Surge's thermostat controls are legendarily bad, but the classroom environment was otherwise fine.
- Nice, but I am not always able to bring the environment to work on the assignments with me.
- For class in which there is expectation of in class coding, but there was not enough ports for charging laptop.
- There weren't a lot of chargers in the room which made it difficult to work on the code.
- This classes needed extensive use of laptop and there were just 2 charging points in the whole class. I think this is not acceptable.

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

I improved my ability to problem solve.

Response Option	Weight	Frequency	Percent	Percent Responses	Means							
Strongly disagree	(1)	0	0.00%			5.74	5.18	5.21				
Disagree	(2)	0	0.00%									
Somewhat disagree	(3)	0	0.00%									
Somewhat agree	(4)	0	0.00%									
Agree	(5)	5	26.32%	█								
Strongly agree	(6)	14	73.68%	██████████								
					0	25	50	100	Question	College	Department	
Response Rate	Mean	STD	Median	College	Mean	STD	Median	Department	Mean	STD	Median	
19/25 (76.00%)	5.74	0.45	6.00	22340	5.18	0.97	5.00	3212	5.21	0.95	5.00	

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

The textbook or course readings made a valuable contribution to my learning.

Response Option	Weight	Frequency	Percent	Percent Responses	Means							
Strongly disagree	(1)	0	0.00%			4.84	4.73	4.60				
Disagree	(2)	1	5.26%	█								
Somewhat disagree	(3)	1	5.26%	█								
Somewhat agree	(4)	5	26.32%	████								
Agree	(5)	5	26.32%	████								
Strongly agree	(6)	7	36.84%	██████								
					0	25	50	100	Question	College	Department	
Response Rate	Mean	STD	Median	College	Mean	STD	Median	Department	Mean	STD	Median	
19/25 (76.00%)	4.84	1.17	5.00	22234	4.73	1.36	5.00	3200	4.60	1.40	5.00	

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

The objectives of the course were clearly explained.

Response Option	Weight	Frequency	Percent	Percent Responses	Means							
Strongly disagree	(1)	0	0.00%			5.74	5.20	5.17				
Disagree	(2)	0	0.00%									
Somewhat disagree	(3)	0	0.00%									
Somewhat agree	(4)	0	0.00%									
Agree	(5)	5	26.32%	█								
Strongly agree	(6)	14	73.68%	██████████								
					0	25	50	100	Question	College	Department	
Response Rate	Mean	STD	Median	College	Mean	STD	Median	Department	Mean	STD	Median	
19/25 (76.00%)	5.74	0.45	6.00	22330	5.20	1.01	5.00	3214	5.17	1.04	5.00	

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

The out-of-class assignments were educationally valuable.

Response Option	Weight	Frequency	Percent	Percent Responses	Means							
Strongly disagree	(1)	0	0.00%		5.74	5.15	5.16					
Disagree	(2)	0	0.00%									
Somewhat disagree	(3)	0	0.00%									
Somewhat agree	(4)	0	0.00%									
Agree	(5)	5	26.32%									
Strongly agree	(6)	14	73.68%									
					0	25	50	100	Question	College	Department	
Response Rate	Mean	STD	Median	College	Mean	STD	Median	Department	Mean	STD	Median	
19/25 (76.00%)	5.74	0.45	6.00	22123	5.15	1.08	5.00	3190	5.16	1.08	5.00	

9 - The instructor related theories and concepts to practical issues.

Dylan Patrick Losey

Response Option	Weight	Frequency	Percent	Percent Responses	Means							
Strongly disagree	(1)	0	0.00%		5.84	5.33	5.35					
Disagree	(2)	0	0.00%									
Somewhat disagree	(3)	0	0.00%									
Somewhat agree	(4)	0	0.00%									
Agree	(5)	3	15.79%									
Strongly agree	(6)	16	84.21%									
					0	25	50	100	Question	College	Department	
Response Rate	Mean	STD	Median	College	Mean	STD	Median	Department	Mean	STD	Median	
19/25 (76.00%)	5.84	0.37	6.00	24067	5.33	0.94	6.00	3290	5.35	0.95	6.00	