

Virginia Tech

Spring 2023 VT Student Perceptions of Teaching (SPOT)

Course: CS5844: CS 5844: Human-Robot Interaction-CS_5844_13562_202301
Instructor: Dylan Patrick Losey *
Response Rate: 6/6 (100.00 %)

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%			5.00	5.27	5.19					
Disagree	(2)	1	16.67%	█									
Somewhat disagree	(3)	0	0.00%										
Somewhat agree	(4)	1	16.67%	█									
Agree	(5)	0	0.00%										
Strongly agree	(6)	4	66.67%	██████									
					0	25	50	100	Question	College	Department		
Response Rate	Mean	STD	Median	College	Mean	STD	Median	Department	Mean	STD	Median		
6/6 (100.00%)	5.00	1.67	6.00	20791	5.27	1.05	6.00	4364	5.19	1.09	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 Patrick Losey

Response Option	Weight	Frequency	Percent	Percent Responses	Means								
Strongly disagree	(1)	0	0.00%			4.67	5.07	5.02					
Disagree	(2)	1	16.67%	█									
Somewhat disagree	(3)	0	0.00%										
Somewhat agree	(4)	2	33.33%	██									
Agree	(5)	0	0.00%										
Strongly agree	(6)	3	50.00%	███									
					0	25	50	100	Question	College	Department		
Response Rate	Mean	STD	Median	College	Mean	STD	Median	Department	Mean	STD	Median		
6/6 (100.00%)	4.67	1.63	5.00	20640	5.07	1.21	5.00	4322	5.02	1.24	5.00		

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%			4.67	5.04	4.97					
Disagree	(2)	1	16.67%	█									
Somewhat disagree	(3)	0	0.00%										
Somewhat agree	(4)	2	33.33%	██									
Agree	(5)	0	0.00%										
Strongly agree	(6)	3	50.00%	███									
					0	25	50	100	Question	College	Department		
Response Rate	Mean	STD	Median	College	Mean	STD	Median	Department	Mean	STD	Median		
6/6 (100.00%)	4.67	1.63	5.00	20641	5.04	1.24	5.00	4321	4.97	1.26	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 Patrick Losey

Response Option	Weight	Frequency	Percent	Percent Responses	Means								
Strongly disagree	(1)	0	0.00%			5.17	5.36	5.28					
Disagree	(2)	0	0.00%										
Somewhat disagree	(3)	1	16.67%	█									
Somewhat agree	(4)	1	16.67%	█									
Agree	(5)	0	0.00%										
Strongly agree	(6)	4	66.67%	██████									
					0 25 50 100	Question	College	Department					
Response Rate	Mean	STD	Median	College	Mean	STD	Median	Department	Mean	STD	Median		
6/6 (100.00%)	5.17	1.33	6.00	20631	5.36	1.02	6.00	4310	5.28	1.08	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 Patrick Losey

Response Option	Weight	Frequency	Percent	Percent Responses	Means								
Strongly disagree	(1)	0	0.00%			5.00	5.06	4.97					
Disagree	(2)	0	0.00%										
Somewhat disagree	(3)	1	20.00%	█									
Somewhat agree	(4)	1	20.00%	█									
Agree	(5)	0	0.00%										
Strongly agree	(6)	3	60.00%	████									
					0 25 50 100	Question	College	Department					
Response Rate	Mean	STD	Median	College	Mean	STD	Median	Department	Mean	STD	Median		
5/6 (83.33%)	5.00	1.41	6.00	20542	5.06	1.25	5.00	4293	4.97	1.30	5.00		

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

Dylan Patrick Losey

Response Rate 1/6 (16.67%)

• Having in class practices to understand the concepts

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.

Dylan Patrick Losey

Response Option	Weight	Frequency	Percent	Percent Responses	Means								
Strongly disagree	(1)	0	0.00%			5.00	5.14	5.08					
Disagree	(2)	1	16.67%	█									
Somewhat disagree	(3)	0	0.00%										
Somewhat agree	(4)	1	16.67%	█									
Agree	(5)	0	0.00%										
Strongly agree	(6)	4	66.67%	██████									
					0 25 50 100	Question	College	Department					
Response Rate	Mean	STD	Median	College	Mean	STD	Median	Department	Mean	STD	Median		
6/6 (100.00%)	5.00	1.67	6.00	19646	5.14	1.09	5.00	4195	5.08	1.14	5.00		

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Response Rate: 6/6 (100.00 %)

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%			5.00	4.89	4.84				
Disagree	(2)	1	16.67%	█								
Somewhat disagree	(3)	0	0.00%									
Somewhat agree	(4)	1	16.67%	█								
Agree	(5)	0	0.00%									
Strongly agree	(6)	4	66.67%	████████								
					0	25	50	100	Question	College	Department	
Response Rate	Mean	STD	Median	College	Mean	STD	Median	Department	Mean	STD	Median	
6/6 (100.00%)	5.00	1.67	6.00	19561	4.89	1.32	5.00	4175	4.84	1.36	5.00	

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

Response Rate 1/6 (16.67%)

- I could have ask more questions during class

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

Dylan Patrick Losey

Response Rate 4/6 (66.67%)

- The course in general is great. I learned a lot, however, sometimes I feel that the homework was covering ideas away beyond what we covered in class.
- I think it would be better to have a ML class for all the ME-robotics students. The CS4824/ECE4424 would be a great class as a elective for ME-robotics students. I think it would be batter to make that ML class as a prerequisite for this HRI class. In that way, the HRI class can be more focus on utilizing ML as a tool. The topics around ML can be explored deeper in this class. For the context, the ML class will cover the basic non-nn technique (naive bayes, D-tree, KNN, linear/logistic regression, SVM and etc.) and some basic nns like CNN. I was taking both the ML and HRI class at the same time. The ML class did not help me much during this class. But if we can make the ML as a prerequisite. I believe the students can do much better and this class can cover some the topics in a deeper scope.
- The midterm is somehow too difficult for a computer science student. I think it is much harder than what we have taught in the class and it is also much harder than the homework. A sample exam will be helpful since it can show us how difficult the exam could be.
- The homework and midterm problems are often unclear.

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%			4.50	5.18	5.13				
Bad	(2)	0	0.00%									
Poor	(3)	1	16.67%	█								
Fair	(4)	3	50.00%	██████								
Good	(5)	0	0.00%									
Very Good	(6)	2	33.33%	██								
					0	25	50	100	Question	College	Department	
Response Rate	Mean	STD	Median	College	Mean	STD	Median	Department	Mean	STD	Median	
6/6 (100.00%)	4.50	1.22	4.00	19486	5.18	0.96	5.00	4138	5.13	1.00	5.00	

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

Response Rate 2/6 (33.33%)

- The class has some light problems
- the AC in the classroom is way to loud. Sometimes is hard to hear it clear in the back.

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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%			5.17	5.10	5.03			
Disagree	(2)	0	0.00%								
Somewhat disagree	(3)	1	16.67%	█							
Somewhat agree	(4)	1	16.67%	█							
Agree	(5)	0	0.00%								
Strongly agree	(6)	4	66.67%	██████							
Response Rate	Mean	STD	Median	College	Mean	STD	Median	Department	Mean	STD	Median
6/6 (100.00%)	5.17	1.33	6.00	19584	5.10	1.05	5.00	4160	5.03	1.11	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%			5.00	4.63	4.67			
Disagree	(2)	1	16.67%	█							
Somewhat disagree	(3)	0	0.00%								
Somewhat agree	(4)	1	16.67%	█							
Agree	(5)	0	0.00%								
Strongly agree	(6)	4	66.67%	██████							
Response Rate	Mean	STD	Median	College	Mean	STD	Median	Department	Mean	STD	Median
6/6 (100.00%)	5.00	1.67	6.00	19493	4.63	1.41	5.00	4146	4.67	1.41	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%			4.83	5.11	5.03			
Disagree	(2)	1	16.67%	█							
Somewhat disagree	(3)	0	0.00%								
Somewhat agree	(4)	1	16.67%	█							
Agree	(5)	1	16.67%	█							
Strongly agree	(6)	3	50.00%	█████							
Response Rate	Mean	STD	Median	College	Mean	STD	Median	Department	Mean	STD	Median
6/6 (100.00%)	4.83	1.60	5.50	19525	5.11	1.12	5.00	4145	5.03	1.18	5.00

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%			5.00	5.06	5.03			
Disagree	(2)	0	0.00%								
Somewhat disagree	(3)	2	33.33%	██							
Somewhat agree	(4)	0	0.00%								
Agree	(5)	0	0.00%								
Strongly agree	(6)	4	66.67%	█████							
Response Rate	Mean	STD	Median	College	Mean	STD	Median	Department	Mean	STD	Median
6/6 (100.00%)	5.00	1.55	6.00	19408	5.06	1.16	5.00	4118	5.03	1.20	5.00

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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%			5.17	5.30	5.17				
Disagree	(2)	0	0.00%									
Somewhat disagree	(3)	1	16.67%	█								
Somewhat agree	(4)	1	16.67%	█								
Agree	(5)	0	0.00%									
Strongly agree	(6)	4	66.67%	██████████								
					0	25	50	100	Question	College	Department	
Response Rate	Mean	STD	Median	College	Mean	STD	Median	Department	Mean	STD	Median	
6/6 (100.00%)	5.17	1.33	6.00	20433	5.30	1.00	6.00	4250	5.17	1.08	5.00	

10 - I learned to apply principles from this course to new situations.

Response Option	Weight	Frequency	Percent	Percent Responses	Means							
Strongly disagree	(1)	0	0.00%			4.83	5.07	5.07				
Disagree	(2)	1	16.67%	█								
Somewhat disagree	(3)	0	0.00%									
Somewhat agree	(4)	1	16.67%	█								
Agree	(5)	1	16.67%	█								
Strongly agree	(6)	3	50.00%	██████								
					0	25	50	100	Question	College	Department	
Response Rate	Mean	STD	Median	College	Mean	STD	Median	Department	Mean	STD	Median	
6/6 (100.00%)	4.83	1.60	5.50	4167	5.07	1.12	5.00	4167	5.07	1.12	5.00	