Fall 2024 VT Student Perceptions of Teaching (SPOT)

Course: ME_5984_92378_202409: SS: Grad Robotics Lab-ME_5984_92378_202409

Instructor: Dylan Patrick Losey *

Response Rate: 3/5 (60.00 %)

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 0 0.00% (1) 5.31 5.24 4.67 0.00% Disagree (2) 0 Somewhat disagree 0 0.00% (3) Somewhat agree 2 66.67% (4) (5) 0 0.00% Agree Strongly agree (6) 1 33.33% 25 50 100 Question College Department Response Rate Mean STD Median College STD Median Mean STD Median Department Mean 3/5 (60.00%) 4.67 1.15 4.00 24647 5.31 1.01 6.00 2625 5.24 1.08 6.00

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 0.00% Strongly disagree 0 (1) 5.33 5.14 5.02 Disagree (2) 0 0.00% Somewhat disagree (3) 0 0.00% Somewhat agree (4) 0 0.00% 2 (5) 66.67% Agree 1 Strongly agree (6) 33.33% 25 100 Question College Department College Response Rate Mean STD Median STD Median Department Mean STD Median Mean 5.33 0.58 24466 3/5 (60.00%) 5.00 5.14 1.15 5.00 2611 5.02 1.24 5.00

1 - Please indicate the exte	nt to which	you agree	or disag	ree with	each of the	foll	owing sta	aten	nents:							
1C - The instructor provide	d feedback	intended to	o improv	e my co	ourse perform	nan	ce.									
Dylan Patrick Losey																
Response Option		Weig	ht Fre	quency	Percent	Р	ercent Re	espo	onses			Ме	ans			
Strongly disagree		(1)		0	0.00%	Ι				6.00		5.10	4.97			
Disagree		(2)		0	0.00%	1							1.01			
Somewhat disagree		(3)		0	0.00%	1										
Somewhat agree		(4)		0	0.00%	1										
Agree		(5)		0	0.00%	1										
Strongly agree		(6)		3	100.00%											
			•		•	0	25	50	100	Question	1	College	Departme	nt		
Response Rate	Mean	STD	Median		College		Mean		STD	Median		Department	Mean	S.	TD	Median
3/5 (60.00%)	6.00	0.00	6.00		24446		5.10		1.17	5.00		2603	4.97	1.	23	5.00

Fall 2024 VT Student Perceptions of Teaching (SPOT)

Course: ME_5984_92378_202409: SS: Grad Robotics Lab-ME_5984_92378_202409

Instructor: Dylan Patrick Losey *

Response Rate: 3/5 (60.00 %)

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 Percent **Percent Responses** Means Frequency Strongly disagree 0 0.00% 5.41 (1) 5.33 Disagree (2) 0 0.00% Somewhat disagree 0 (3) 0.00% Somewhat agree 0.00% (4) 0 Agree 0 0.00% (5)Strongly agree (6) 3 100.00% 25 100 Question College Department Response Rate Mean STD Median College STD Median STD Median Mean Mean Department 3/5 (60.00%) 6.00 0.00 6.00 24424 5.41 0.95 6.00 2605 5.33 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 Patrick Losey

Response Option		Weig	ht Frequ	iency	Percent	Р	ercent R	esp	onses			Me	ans			
Strongly disagree		(1)	C)	0.00%	Ι				6.00		5.13	5.00			
Disagree		(2)	C)	0.00%	1							0.00			
Somewhat disagree		(3)	C)	0.00%	1										
Somewhat agree		(4)	C)	0.00%	1										
Agree		(5)	C)	0.00%											
Strongly agree		(6)	3	3	100.00%											
						0	25	50	100	Questio	n	College	Departm	ent		
Response Rate	Mean	STD	Median		College		Mean		STD	Median		Department	Mean	ST	D	Median
3/5 (60.00%)	6.00	0.00	6.00		24242		5.13		1.18	5.00		2587	5.00	1.2	27	5.00

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

Dylan Patrick Losey

Response Rate 3/5 (60%)

- Correlated some Homework and Lab tasks
- Using the robots to see what the concepts do physically and how manipulating the math manipulated the robot. The hands on aspect of the lab was very helpful.
- It was nice to apply the concepts learned in class to real life.

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.

OA - I Have a accept anacis	anding or t	ic subject ii	iuttoi us u i	Count of this co	u 1 3 1	U .							
Response Option		Weight	Frequenc	y Percent	P	ercent R	espo	onses		Me	ans		
Strongly disagree		(1)	0	0.00%	Ι				5.33	5.19	5.13		
Disagree		(2)	0	0.00%									
Somewhat disagree		(3)	0	0.00%									
Somewhat agree		(4)	0	0.00%	1								
Agree		(5)	2	66.67%									
Strongly agree		(6)	1	33.33%									
					0	25	50	100	Question	n College	Departme	nt	
Response Rate	Mean	STD	Vledian	College		Mean		STD	Median	Department	Mean	STD	Median
3/5 (60.00%)	5.33	0.58	5.00	22731		5.19		1.04	5.00	2603	5.13	1.08	5.00

Fall 2024 VT Student Perceptions of Teaching (SPOT)

Course: ME_5984_92378_202409: SS: Grad Robotics Lab-ME_5984_92378_202409

Instructor: Dylan Patrick Losey *

Response Rate: 3/5 (60.00 %)

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** Strongly disagree 0 0.00% (1) 4 98 0 Disagree (2) 0.00% Somewhat disagree (3)0 0.00% (4) 0 0.00% Somewhat agree Agree (5) 1 33.33% (6) Strongly agree 66.67% 25 100

College

22595

Mean

4.98

STD

1.24

Median

5.00

Department

2590

Mean

4.86

STD

1.30

Median

5.00

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

Mean

5.67

Response Rate 3/5 (60%)

- I could have prepared better for the Lab.
- Overview lab materials before coming to the lab to better understand the content for the day.
- · Prepare well for the labs beforehand

Response Rate

3/5 (60.00%)

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

STD

0.58

Median

6.00

Dylan Patrick Losey

Response Rate 3/5 (60%)

- It's great to have the lab however it can be weird if some have lab before HW is due and some not or the topic is just touched on in the class at the same day of the Lab. The tasks were rather to much for the given time. However, the great work of the TAs needs to be a knowledge they allowed starting early and sometimes even finish late and helped a lot with questions, concepts and even debugaing.
- Maybe adding a small prelab that would have the students develop the large matlab components before coming to the lab would save time in class for the students to actually complete the lab parts instead of trouble shooting code the whole time which is what happened to a lot of people.
- The labs seemsed bit longer than the assigned time. It was always 2 hours of work for 1 hour 15 minutes lab.

6 - 6A - How would you ra	te the physi	cal enviro	nmer	nt in which y	ou took this o	las	ss based	upo	n your	ability to s	ee, h	ear, concentrate	e, and part	icipa	te?	
Response Option		We	ight	Frequency	Percent	F	Percent R	esp	onses			Ме	ans			
Very Bad		(1)	0	0.00%	1				5.33		5.30	5.21			
Bad		(2)	0	0.00%	1										
Poor		(3)	0	0.00%	1										
Fair		(-	4)	0	0.00%	1										
Good		(5)	2	66.67%											
Very Good		(6)	1	33.33%											
					•	0	25	50	100	Question	า	College	Departme	nt		
Response Rate	Mean	STD	M	edian	College		Mean		STD	Median		Department	Mean	S	TD	Median
3/5 (60.00%)	5.33	0.58		5.00	22489		5.30		0.87	5.00		2586	5.21	0.	.91	5.00

7 - 7A - Please add any comments abo	out the physical environment here:
Response Rate	1/5 (20%)
Computers are painstakingly slow which ads	s some stress to the challenge to finish in time.

Fall 2024 VT Student Perceptions of Teaching (SPOT)

Course: ME_5984_92378_202409: SS: Grad Robotics Lab-ME_5984_92378_202409

Instructor: Dylan Patrick Losey *

Response Rate: 3/5 (60.00 %)

8 - Please indicate the exte	nt to which	you agree	or disagre	e with each of the) fol	lowing sta	atemer	nts:						
I improved my ability to pr	oblem solve	е.												
Response Option		Weig	ht Frequ	ency Percent	F	Percent Re	espon	ses			M	eans		
Strongly disagree		(1)	С	0.00%	1				5.67	<u> </u>	5.13	5.14		
Disagree		(2)	С	0.00%	7									
Somewhat disagree		(3)	С	0.00%	7									
Somewhat agree		(4)	С	0.00%	7									
Agree		(5)	1	33.33%	7									
Strongly agree		(6)	2	66.67%	7					l				
		•			0	25	50	100	Question	1	College	Departme	ent	
Response Rate	Mean	STD	Median	College		Mean	SI	D	Median	1	Department	Mean	STD	Median
3/5 (60.00%)	5.67	0.58	6.00	22628		5.13	1.0	01	5.00		2589	5.14	0.97	5.00

The textbook or course re	adings mad	e a valuable	contribut	ion to my learning	g.									
Response Option		Weig	ht Frequ	ency Percent	Р	ercent R	espo	nses			Ме	ans		
Strongly disagree		(1)	0	0.00%	1				5.00					
Disagree		(2)	0	0.00%	1				3.00		4.70	4.48		
Somewhat disagree		(3)	1	33.33%										
Somewhat agree		(4)	0	0.00%	1									
Agree		(5)	0	0.00%	1									
Strongly agree		(6)	2	66.67%										
		•	•		0	25	50	100	Question	1	College	Departmer	nt	
Response Rate	Mean	STD	Median	College		Mean		STD	Median		Department	Mean	STD	Median
3/5 (60.00%)	5.00	1.73	6.00	22524		4.70		1.38	5.00		2583	4.48	1.45	5.00

8 - Please indicate the ex	ent to winch	you agree	or uisagre	e willi ea	cii oi tile i	Ollow	ring st	atem	ents.						
The objectives of the cou	rse were clea	arly explain	ed.												
Response Option		Weig	ıht Frequ	iency F	Percent	Perc	cent R	espo	nses			Me	eans		
Strongly disagree		(1)	()	0.00%	1				5.67		5.17	5.09		
Disagree		(2)	()	0.00%	1									
Somewhat disagree		(3)	()	0.00%	1									
Somewhat agree		(4)	()	0.00%	1									
Agree		(5)	1	1 :	33.33%										
Strongly agree		(6)	2	2 (66.67%										
						0	25	50	100	Question	1	College	Departmen	nt	
Response Rate	Mean	STD	Median	Co	llege		Mean		STD	Median		Department	Mean	STD	Median
3/5 (60.00%)	5.67	0.58	6.00	2:	2588		5.17		1.06	5.00		2592	5.09	1.09	5.00

The out-of-class assignment	ents were ed	lucationally	valuable.									
Response Option		Weigh	nt Frequency	Percent	Percent	Respoi	ıses		Me	eans		
Strongly disagree		(1)	0	0.00%	1			5.00	5.11	5.02		
Disagree		(2)	0	0.00%]			0.00		0.02		
Somewhat disagree		(3)	1	33.33%								
Somewhat agree		(4)	0	0.00%]							
Agree		(5)	0	0.00%	1							
Strongly agree		(6)	2	66.67%								
			<u>'</u>	•	0 25	50	100	Question	College	Departmen	nt	
Response Rate	Mean	STD	Median	College	Mea	1 8	TD	Median	Department	Mean	STD	Mediar
3/5 (60.00%)	5.00	1.73	6.00	22393	5.11	1	.11	5.00	2564	5.02	1.15	5.00

Fall 2024 VT Student Perceptions of Teaching (SPOT)

Course: ME_5984_92378_202409: SS: Grad Robotics Lab-ME_5984_92378_202409

Instructor: Dylan Patrick Losey *

Response Rate: 3/5 (60.00 %)

Dylan Patrick Losey														
Response Option		Weig	ht Freque	ncy Percent	Percer	nt Re	sponses			Me	ans			
Strongly disagree		(1)	0	0.00%	1			5.67		5.31	5.29			
Disagree		(2)	0	0.00%	1									
Somewhat disagree		(3)	0	0.00%	1									
Somewhat agree		(4)	0	0.00%	1									
Agree		(5)	1	33.33%										
Strongly agree		(6)	2	66.67%										
					0 25		50 100	Question	1	College	Departme	nt		
Response Rate	Mean	STD	Median	College	Mea	an	STD	Median		Department	Mean	ST	D	Mediar
3/5 (60.00%)	5.67	0.58	6.00	24062	5.3	1	0.97	6.00		2581	5.29	0.9	9	6.00