# Fall 2021 VT Student Perceptions of Teaching (SPOT)

Course: ME\_4584\_91119\_202109: Robotics Laboratory-ME\_4584\_91119\_202109

Dylan Patrick Losey \* Instructor: 16/25 (64.00 %) **Response Rate:** 

1A - The instructor was we	ell prepared.											
Dylan Patrick Losey												
Response Option		Weight	Frequency	Percent	P	ercent R	lespo	onses		М	eans	
Strongly disagree		(1)	0	0.00%	1				5.06	5.20	4.98	
Disagree		(2)	1	6.25%							4.50	
Somewhat disagree		(3)	1	6.25%								
Somewhat agree		(4)	2	12.50%								
Agree		(5)	4	25.00%								
Strongly agree		(6)	8	50.00%	7		1					

5.20

1.12

6.00

22610

# 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.

5.50

1.24

5.06

## Dylan Patrick Losey

16/25 (64.00%)

- <b>,</b>														
Response Option		Weight	Frequenc	Percent	P	ercent R	lespo	nses			Ме	ans		
Strongly disagree		(1)	0	0.00%	1				5.07		4.98			
Disagree		(2)	1	7.14%							1.55	4.69	ı	
Somewhat disagree		(3)	0	0.00%	1									
Somewhat agree		(4)	0	0.00%	1									
Agree		(5)	9	64.29%										
Strongly agree		(6)	4	28.57%										
		•	•	•	0	25	50	100	Question	n	College	Departme	nt	
Response Rate	Mean	STD	Median	College		Mean		STD	Median		Department	Mean	STD	Median
14/25 (56.00%)	5.07	1.00	5.00	22465		4.98		1.28	5.00		2331	4.69	1.51	5.00

1C - The instructor provide	d feedback	intended to	improve my	course perform	nand	ce.								
Dylan Patrick Losey														
Response Option		Weigl	nt Frequen	cy Percent	P	ercent Re	spc	onses		Me	ans			
Strongly disagree		(1)	0	0.00%	Ι				5.07	4.94				
Disagree		(2)	1	7.14%						4.54	4.66			
Somewhat disagree		(3)	0	0.00%	1									
Somewhat agree		(4)	1	7.14%										
Agree		(5)	7	50.00%										
Strongly agree		(6)	5	35.71%										
				•	0	25	50	100	Question	College	Departme	nt		
Response Rate	Mean	STD	Median	College		Mean		STD	Median	Department	Mean	SI	D	Median
14/25 (56.00%)	5.07	1.07	5.00	22445		4.94		1.30	5.00	2332	4.66	1.5	50	5.00

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Instructor: Dylan Patrick Losey \* **Response Rate:** 16/25 (64.00 %)

# 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		Weig	ht Frequ	ency	Percent	Р	ercent R	esp	onses			Me	ans			
Strongly disagree		(1)	0	)	0.00%					5.36		5.32	5.08			
Disagree		(2)	1		7.14%											
Somewhat disagree		(3)	0	)	0.00%											
Somewhat agree		(4)	0	)	0.00%	1										
Agree		(5)	5	5	35.71%											
Strongly agree		(6)	8	3	57.14%											
						0	25	50	100	Questio	n	College	Departm	ent		
Response Rate	Mean	STD	Median		College		Mean		STD	Median		Department	Mean	ST	D.	Median
14/25 (56.00%)	5.36	1.08	6.00		22424		5.32		1.06	6.00		2326	5.08	1.2	29	5.00

## 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	P	ercent R	esp	onses			Mea	ans			
Strongly disagree		(1)	(	)	0.00%	1				5.21		4.97				
Disagree		(2)	(	)	0.00%							4.07	4.69			
Somewhat disagree		(3)	1	1	7.14%											
Somewhat agree		(4)	(	)	0.00%	1										
Agree		(5)		3	57.14%											
Strongly agree		(6)		5	35.71%									ı		
						0	25	50	100	Questio	n	College	Departme	nt		
Response Rate	Mean	STD	Median		College		Mean		STD	Median		Department	Mean	STI	)	Median
14/25 (56.00%)	5.21	0.80	5.00		22321		4.97		1.31	5.00		2314	4.69	1.5	3	5.00

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

## **Dylan Patrick Losey**

Response Rate 5/25 (20%)

- taught the material well before expecting you to complete a lab on the topic.
- These labs were helpful and informative and a great supplement to the material from the class.
- Again, fantastic professor and lecturer, one of the top three I've encountered at Tech.
- The labs were a great experience but sometimes my learning was hindered by the lab having errors in the premade code. I do believe that still the labs were extremely valuable to the course teachings
- Well the TA's were incredibly helpful and helped me through plenty of problems.

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

3A - I have a deeper unders	tanding of	the subject	matter as	a resu	ult of this co	urse	е.									
Response Option		Weig	ht Frequ	iency	Percent	Ρ	ercent R	esp	onses			Me	ans			
Strongly disagree		(1)	1	ı	7.14%					5.29		5.08	4.83			
Disagree		(2)	C	)	0.00%	1							4.63			
Somewhat disagree		(3)	C	)	0.00%											
Somewhat agree		(4)	C	)	0.00%	1										
Agree		(5)	5	5	35.71%											
Strongly agree		(6)	8	3	57.14%											
						0	25	50	100	Question	1	College	Departme	nt		
Response Rate	Mean	STD	Median		College		Mean		STD	Median		Department	Mean	S.	TD	Median
14/25 (56.00%)	5.29	1.33	6.00		19815		5.08		1.14	5.00		2077	4.83	1.	.32	5.00

Response Rate

14/25 (56.00%)

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Instructor: Dylan Patrick Losey \*
Response Rate: 16/25 (64.00 %)

Mean

5.29

• Awesome to finally be able to do an in-person lab at Tech.

STD

1.33

Median

6.00

• The room space is too small for such plenty of students, most students do not have a place to sit during the process of experiments

#### 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) 7.14% 5.29 4.82 4.55 (2) 0 0.00% Disagree Somewhat disagree (3)0 0.00% Somewhat agree (4) 0 0.00% Agree (5) 5 35.71% Strongly agree (6) 8 57.14% 100 25

# 4 - 4A - What could you have done to be a better learner? Response Rate 3/25 (12%) • Show up to labs a little earlier. • Worked on homework prior to lab to get a better understanding of the topic on the lab • Reviewed the material more before the lab.

College

19707

Mean

4.82

STD

1.37

Median

5.00

Department

2071

Mean

4.55

STD

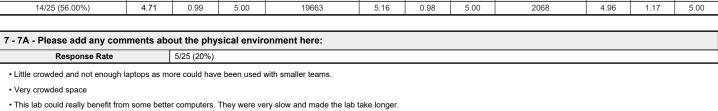
1.55

Median

5.00

5 - 5A - Please add any additional cor	nments regarding the course and/or instructor here:
Dylan Patrick Losey	
Response Rate	0/25 (0%)

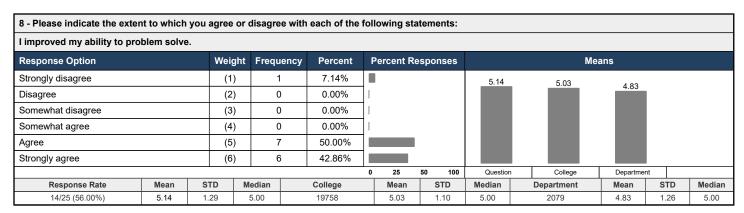
Response Option		Weig	ht Freque	ncy Percent	P	ercent Re	esponses		Me	ans		
Very Bad		(1)	0	0.00%	1				5.16	4.96		
Bad		(2)	1	7.14%				4.71		4.50		
Poor		(3)	0	0.00%	<b>]</b>							
Fair		(4)	3	21.43%								
Good		(5)	8	57.14%								
Very Good		(6)	2	14.29%								
					0	25	50 100	Question	n College	Departmen	nt	
Response Rate	Mean	STD	Median	College		Mean	STD	Median	Department	Mean	STD	Mediar
14/25 (56.00%)	4.71	0.99	5.00	19663		5 16	0.98	5.00	2068	4.96	1.17	5.00

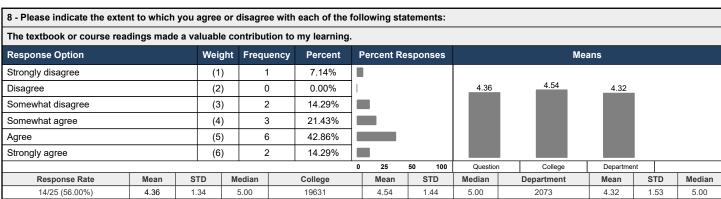


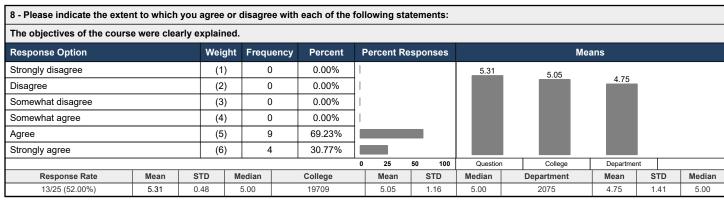
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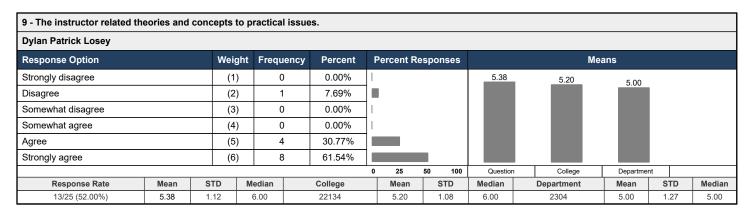


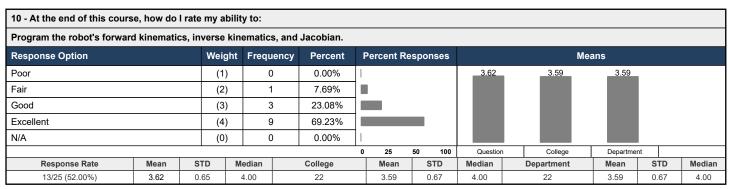
8 - Please indicate the ex	tent to which	you agree o	r disagree wi	th each of the	foll	owing sta	ater	nents:						
The out-of-class assignm	ents were ed	ducationally v	/aluable.											
Response Option		Weigh	t Frequenc	y Percent	P	ercent R	esp	onses			Me	ans		
Strongly disagree		(1)	0	0.00%	1				5.46		4.97			
Disagree		(2)	0	0.00%	1						4.97	4.73		
Somewhat disagree		(3)	0	0.00%	1									
Somewhat agree		(4)	0	0.00%	1									
Agree		(5)	7	53.85%										
Strongly agree		(6)	6	46.15%										
		'	'		0	25	50	100	Question	ı	College	Departmer	nt	
Response Rate	Mean	STD	Median	College		Mean		STD	Median		Department	Mean	STD	Median
13/25 (52.00%)	5.46	0.52	5.00	19564		4.97		1.23	5.00		2060	4.73	1.41	5.00

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Response Rate: 16/25 (64.00 %)





10 - At the end of this cour	se, how do	I rate my a	bility to:												
Interact with the robot arm predicted by the robot's ki		ıre it's joint	space an	d work	space; comp	are	the robo	ot's me	asur	ed position	n and v	elocity to the	positions	and veloc	ities
Response Option		Weig	ght Frequ	uency	Percent	Pe	rcent R	espons	ses			Mea	ans		
Poor		(1)	) (	0	0.00%					3.38	_	3.41	3.41		
Fair		(2)	)	1	7.69%										
Good		(3)	) (	6	46.15%										
Excellent		(4	) (	6	46.15%										
N/A		(0)	) (	0	0.00%	1									
			•			0	25	50	100	Question	1	College	Departmer	nt	
Response Rate	Mean	STD	Median		College		Mean	ST	D	Median	De	partment	Mean	STD	Median
13/25 (52.00%)	3.38	0.65	3.00		22		3.41	0.6	67	3.50		22	3.41	0.67	3.50

10 - At the end of this cour	se, how do	I rate my a	bility to:											
Control the robot arm to tra	ack a desire	ed trajector	y in joint	space a	ınd in end-ef	fecto	r space	).						
Response Option		Weig	jht Freq	uency	Percent	Pei	rcent R	espon	ses		Me	ans		
Poor		(1)	)	2	15.38%									
Fair		(2)	)	4	30.77%					2.69	2.95	2.95		
Good		(3)	)	3	23.08%									
Excellent		(4)	)	4	30.77%									
N/A		(0)	)	0	0.00%	1								
						0	25	50	100	Question	College	Departmen	t	
Response Rate	Mean	STD	Median		College		Mean	S	ΓD	Median	Department	Mean	STD	Median
13/25 (52.00%)	2.69	1.11	3.00		22		2.95	1.	00	3.00	22	2.95	1.00	3.00