Fall 2022 VT Student Perceptions of Teaching (SPOT)

Course: ME_4584_91792_202209: Robotics Laboratory-ME_4584_91792_202209

Instructor: Dylan Patrick Losey *

Response Rate: 5/15 (33.33 %)

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% 5.40 (1) 5.25 5.11 0.00% Disagree (2) 0 Somewhat disagree 0 0.00% (3) Somewhat agree 0 0.00% (4) (5) 3 60.00% Agree Strongly agree (6) 2 40.00% 25 50 100 Question College Department College Response Rate Mean STD Median STD Median Mean STD Median Department Mean 5/15 (33.33%) 5.40 0.55 5.00 24710 5.25 1.06 6.00 2402 5.11 1.16 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** Means **Response Option** Weight Frequency Percent **Percent Responses** 0.00% Strongly disagree 0 (1) 5.07 4.84 Disagree (2) 0 0.00% Somewhat disagree (3) 0 0.00% Somewhat agree (4) 0 0.00% 2 (5) 40.00% Agree 3 Strongly agree (6) 60.00% 100 Question College Department College Response Rate Mean STD Median STD Median Department STD Median Mean Mean 5.60 0.55 24533 1.38 5/15 (33.33%) 6.00 5.07 1.20 5.00 2388 4.84 5.00

1 - Please indicate the ext	ent to which	you agr	ee or o	disagree wit	h each of the	foll	owing sta	teme	nts:						
1C - The instructor provide	led feedback	intende	d to in	nprove my c	ourse perforr	nan	ce.								
Dylan Patrick Losey															
Response Option		W	eight	Frequency	Percent	P	ercent Re	spon	ses			Me	ans		
Strongly disagree			(1)	0	0.00%	Ι				5.20		5.01	4.74		
Disagree			(2)	0	0.00%	1							4.74		
Somewhat disagree			(3)	0	0.00%	1									
Somewhat agree			(4)	0	0.00%	1									
Agree			(5)	4	80.00%										
Strongly agree			(6)	1	20.00%										
						0	25	50	100	Question	ı	College	Departme	nt	
Response Rate	Mean	STD	M	edian	College	Mean STD		Median	edian Department		Mean	STD	Median		
5/15 (33.33%)	5.20	0.45		5.00	24526		5.01	1.	25	5.00		2385	4.74	1.40	5.00

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5.60

5/15 (33.33%)

0.55

6.00

Response Rate: 5/15 (33.33 %)

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 0 0.00% 5.36 (1) 5.18 0.00% Disagree (2) 0 Somewhat disagree 0 0.00% (3) Somewhat agree 0 0.00% (4) (5) 2 40.00% Agree Strongly agree (6) 3 60.00% 25 50 100 Question College Department Response Rate Mean STD Median College STD Median Mean STD Median Department Mean 5/15 (33.33%) 5.60 0.55 6.00 24481 5.36 1.00 6.00 2383 5.18 1.13 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** Means **Response Option** Weight Frequency Percent **Percent Responses** 0.00% Strongly disagree 0 (1) 5.05 4.81 Disagree (2) 0 0.00% Somewhat disagree (3) 0 0.00% Somewhat agree (4) 0 0.00% 2 (5) 40.00% Agree 3 Strongly agree (6) 60.00% 100 Question College Department College Response Rate Mean STD Median STD Median Department STD Median Mean Mean

2 - 2A - What did the instructor do that most helped in your learning?										
Dylan Patrick Losey										
Response Rate	1/15 (6.67%)									
The labs were very fun.										

5.05

1.24

5.00

2372

4.81

1.41

5.00

24389

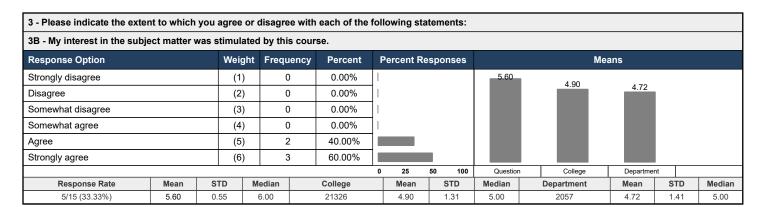
3 - Please indicate the exte	ent to which	you agree	or disag	ree with	each of the	foll	owing sta	ater	nents:							
3A - I have a deeper under	standing of	the subjec	t matter	as a res	ult of this co	urs	e.									
Response Option	Р	ercent R	esp	onses	Means											
Strongly disagree		(1)	0	0.00%	1				5.60		5.14	4.99			
Disagree		(2)	0	0.00%	1							4.00			
Somewhat disagree		(3)	0	0.00%	1										
Somewhat agree		(4)	0	0.00%	1										
Agree		(5)	2	40.00%											
Strongly agree		(6)	3	60.00%											
						0	25	50	100	Question	1	College	Departmer	nt		
Response Rate	Mean	STD	Median		College		Mean		STD	Median		Department	Mean	STE)	Median
5/15 (33.33%)	5.60	0.55	6.00		21442		5.14		1.08	5.00		2066	4.99	1.19	9	5.00

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Response Rate: 5/15 (33.33 %)



4 - 4A - What could you have done to	be a better learner?
Response Rate	1/15 (6.67%)
I could have started looking at the labs earli	er before showing up to lab.

5 - 5A - Please add any additional cor	nments regarding the course and/or instructor here:
Dylan Patrick Losey	
Response Rate	0/15 (0%)

6 - 6A - How would you rate	the physic	al environi	ment in wh	nich you	ı took this c	class	based	upon	your a	ability to s	ee, hea	ar, concentrat	e, and parti	cipate?	
Response Option		Weig	ht Frequ	ency	Percent	Pe	rcent R	espor	ises			Ме	ans		
Very Bad		(1)	0)	0.00%	1				5.20		5.20	5.12		
Bad		(2)	0)	0.00%										
Poor		(3)	0)	0.00%										
Fair		(4)	1		20.00%										
Good		(5)	2	2	40.00%										
Very Good		(6)	2	2	40.00%						l				
						0	25	50	100	Question	1	College	Departme	nt	
Response Rate	Mean	STD	Median		College		Mean	S	TD	Median		epartment	Mean	STD	Median
5/15 (33.33%)	5.20	0.84	5.00		21272		5.20	0	.93	5.00		2051	5.12	1.02	5.00

7 - 7A - Please add any comments abo	out the physical environment here:									
Response Rate	2/15 (13.33%)									
The height of the chairs doesn't match the tag	ables well.									
Randolph is kind of old and smelly and hot.	Randolph is kind of old and smelly and hot.									

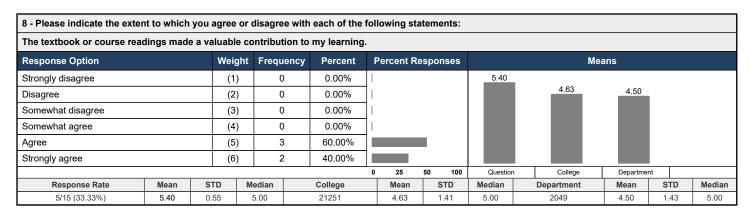
I improved my ability to p	roblem solv	э.											
Response Option		Weigl	nt Freque	ncy Percent	Perc								
Strongly disagree		(1)	0	0.00%	1			5.40	5.0	8	5.02		
Disagree		(2)	0	0.00%	1								
Somewhat disagree		(3)	0	0.00%	1				_				
Somewhat agree		(4)	0	0.00%	1				_				
Agree		(5)	3	60.00%					_				
Strongly agree		(6)	2	40.00%									
					0	25	50 10	Questio	n Coll	ege	Departmen	t	
Response Rate	Mean	STD	Median	College	l l	Mean	STD	Median	Departm	ent	Mean	STD	Median
5/15 (33.33%)	5.40	0.55	5.00	21365		5.08	1.04	5.00	2055		5.02	1.09	5.00

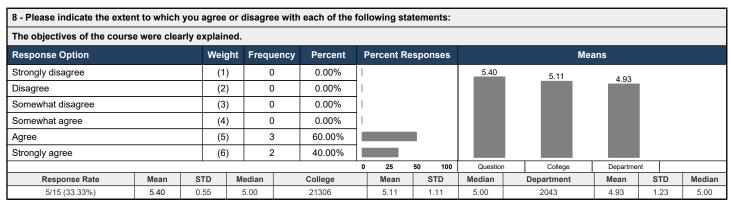
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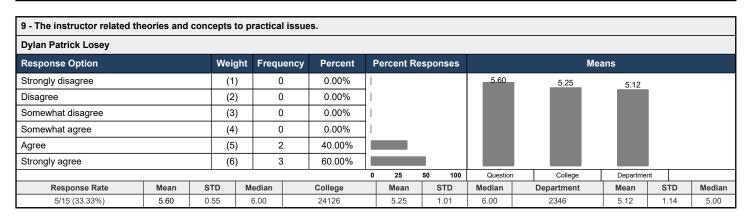
Instructor: Dylan Patrick Losey *

Response Rate: 5/15 (33.33 %)





8 - Please indicate the ext	ent to which	you agree	or	disagree wit	h each of the	foll	lowing sta	ate	ments:						
The out-of-class assignment	ents were ed	lucationall	y va	luable.											
Response Option		Wei	ght	Frequency	Percent	F	Percent R	esį	oonses			Ме	ans		
Strongly disagree		(1)	0	0.00%	1				5.60		5.03	4.04		
Disagree		(2	!)	0	0.00%							0.00	4.84		
Somewhat disagree		(3	5)	0	0.00%	1									
Somewhat agree		(4	.)	0	0.00%	1									
Agree		(5	i)	2	40.00%										
Strongly agree		(6	i)	3	60.00%										
						0	25	50	100	Question	1	College	Departmen	t	
Response Rate	Mean	STD	М	edian	College		Mean		STD	Median		Department	Mean	STD	Median
5/15 (33.33%)	5.60	0.55	(6.00	21178		5.03		1.18	5.00		2039	4.84	1.30	5.00

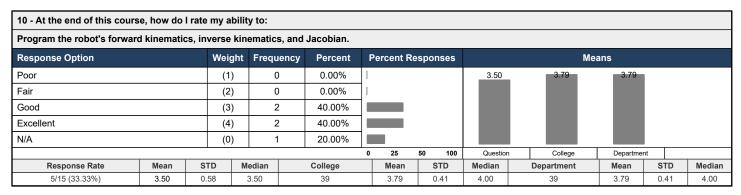


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10 - At the end of this cours	se, how do	I rate my ab	ility to:								
Interact with the robot arm predicted by the robot's kir		re it's joint	space and	workspace; comp	pare the robo	ot's measur	ed positio	n and velocity to the	positions	and veloc	ities
Response Option		Weig	ht Freque	ency Percent	Percent Ro	esponses		Me	ans		
Poor		(1)	0	0.00%	1		3.50	3.71	3.71	1	
Fair		(2)	0	0.00%]						
Good		(3)	2	40.00%							
Excellent		(4)	2	40.00%							
N/A		(0)	1	20.00%							
					0 25	50 100	Question	n College	Departmer	nt	
Response Rate	Mean	STD	Median	College	Mean	STD	Median	Department	Mean	STD	Median
5/15 (33.33%)	3.50	0.58	3.50	39	3.71	0.46	4.00	39	3.71	0.46	4.00

10 - At the end of this cou	rse, how do	I rate my al	oility to:												
Control the robot arm to t	rack a desire	ed trajector	y in joint s	pace and	in end-eff	fector	r space	€.							
Response Option Weight Frequency Percent Percent Re									nses			Me	ans		
Poor		(1)	С) (0.00%	1				3.50		3.63	3.63		
Fair		(2)	С) (0.00%	1									
Good		(3)	2	2 4	0.00%										
Excellent		(4)	2	2 4	0.00%										
N/A		(0)	1	. 2	20.00%		l								
						0	25	50	100	Question	n	College	Departmer	nt	
Response Rate	Mean	STD	Median	Co	llege		Mean		STD	Median		Department	Mean	STD	Median
5/15 (33.33%)	3.50	0.58	3.50		39	3.63 0.59		4.00	39		3.63	0.59	4.00		