

Virginia Tech


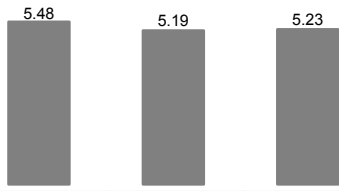
Fall 2018 VT Student Perceptions of Teaching (SPOT)

Course: ENGE_1215_83844_201809: (83844) Foundations of Engineering-ENGE_1215_89615_201809
Instructor: David Todd Gray *
Response Rate: 29/32 (90.63 %)

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

1A - The instructor was well prepared.


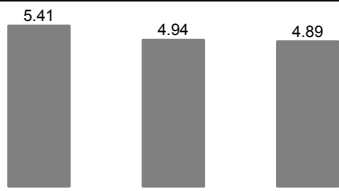
David Todd Gray

Response Option		Weight	Frequency	Percent	Percent Responses	Means										
Strongly disagree		(1)	0	0.00%												
Disagree		(2)	0	0.00%												
Somewhat disagree		(3)	1	3.45%												
Somewhat agree		(4)	3	10.34%												
Agree		(5)	6	20.69%												
Strongly agree		(6)	19	65.52%												
					0	25	50	100	Question		College		Department			
Response Rate		Mean	STD	Median	College		Mean	STD	Median	Department		Mean	STD	Median		
29/32 (90.62%)		5.48	0.83	6.00	23649		5.19	1.09	5.00	1945		5.23	1.04	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.


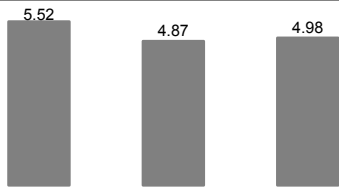
David Todd Gray

Response Option		Weight	Frequency	Percent	Percent Responses	Means							
Strongly disagree		(1)	0	0.00%									
Disagree		(2)	0	0.00%									
Somewhat disagree		(3)	0	0.00%									
Somewhat agree		(4)	5	17.24%									
Agree		(5)	7	24.14%									
Strongly agree		(6)	17	58.62%									
					0	25	50	100	Question	College	Department		
Response Rate		Mean	STD	Median	College	Mean	STD	Median	Department	Mean	STD	Median	
29/32 (90.62%)		5.41	0.78	6.00	23500	4.94	1.28	5.00	1931	4.89	1.30	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.

David Todd Gray

Response Option		Weight	Frequency	Percent	Percent Responses	Means						
Strongly disagree		(1)	0	0.00%								
Disagree		(2)	0	0.00%								
Somewhat disagree		(3)	0	0.00%								
Somewhat agree		(4)	5	17.24%								
Agree		(5)	4	13.79%								
Strongly agree		(6)	20	68.97%								
					0	25	50	100	Question	College	Department	
Response Rate		Mean	STD	Median	College	Mean	STD	Median	Department	Mean	STD	Median
29/32 (90.62%)		5.52	0.78	6.00	23532	4.87	1.31	5.00	1930	4.98	1.26	5.00

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Instructor: David Todd Gray *
Response Rate: 29/32 (90.63 %)

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.


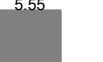


David Todd Gray

Response Option		Weight	Frequency	Percent	Percent Responses	Means									
Strongly disagree		(1)	0	0.00%		<div><div></div><div>5.76</div></div>	<div><div></div><div>5.25</div></div>	<div><div></div><div>5.35</div></div>							
Disagree		(2)	0	0.00%											
Somewhat disagree		(3)	0	0.00%											
Somewhat agree		(4)	2	6.90%											
Agree		(5)	3	10.34%											
Strongly agree		(6)	24	82.76%	<div><div></div></div>										
					0	25	50	100	Question		College		Department		
Response Rate		Mean	STD	Median	College		Mean	STD	Median	Department		Mean	STD	Median	
29/32 (90.62%)		5.76	0.58	6.00	23510		5.25	1.11	6.00	1929		5.35	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.

David Todd Gray

Response Option		Weight	Frequency	Percent	Percent Responses	Means								
Strongly disagree		(1)	0	0.00%					Question	College	Department			
Disagree		(2)	0	0.00%										
Somewhat disagree		(3)	1	3.45%										
Somewhat agree		(4)	2	6.90%										
Agree		(5)	6	20.69%										
Strongly agree		(6)	20	68.97%										
					0	25	50	100						
Response Rate		Mean	STD	Median	College		Mean	STD	Median	Department		Mean	STD	Median
29/32 (90.62%)		5.55	0.78	6.00	23371		4.91	1.32	5.00	1919		4.90	1.32	5.00

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Response Rate: 29/32 (90.63 %)

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

David Todd Gray

Response Rate 27/32 (84.38%)

- Explained beginner matlab code step by step
- He was very engaging and made the class enjoyable.
- used metaphors
- He made class fun and exciting.
- He knows MATLAB really well, and he was okay with us doing other things during the MATLAB part if we already knew it, which I appreciated. He also is experienced as an engineer and knows what he's talking about, which is good.
- The instructor would engage the class in discussion and provide examples related to topics being discussed.
- Brought in a new object to teach us about every week and made the course more intriguing by being comical and lighthearted. Very good teacher.
- Interactive activities in class.
- Incorporated humor into every class
- made class material interesting
- Very good communicator and joked around. Able to get and hold all students' attention. Got everyone motivated and excited about engineering.
- He is funny.
- He interacted with the class and provided personal feedback on assignments.
- He was entertaining
- Incorporated hands on activities in additional to traditional lectures.
- Made the class interesting
- He made the class interesting and engaging. He tried to get us involved whenever possible and his humor made me pay attention more.
- toast
- He was engaging and entertaining, and he was able to keep my attention.
- interactive and fun classes.
- He made the class interactive and an enjoyable class to be in.
- I do not think there was anything in particular that he did, rather it was his variety of knowledge. It helped me understand the engineering disciplines better
- He was able to answer questions and help whenever it was needed.
- The thing that Dr. Gray did that helped the most with my learning was being very easy to talk to and have a laid back atmosphere in his room.
- expain very well
- He created a nice environment.
- He was very funny and helped out the students as much as we needed.

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%			5.48	5.02	4.88							
Disagree		(2)	0	0.00%												
Somewhat disagree		(3)	1	3.45%												
Somewhat agree		(4)	1	3.45%												
Agree		(5)	10	34.48%												
Strongly agree		(6)	17	58.62%												
					0	25	50	100	Question		College		Department			
Response Rate		Mean	STD	Median	College		Mean	STD	Median	Department		Mean	STD	Median		
29/32 (90.62%)		5.48	0.74	6.00	18189		5.02	1.17	5.00	1902		4.88	1.21	5.00		

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Instructor: David Todd Gray *
Response Rate: 29/32 (90.63 %)

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%			5.34	4.73	4.65
Disagree	(2)	0	0.00%					
Somewhat disagree	(3)	0	0.00%					
Somewhat agree	(4)	4	13.79%	■				
Agree	(5)	11	37.93%	■■■				
Strongly agree	(6)	14	48.28%	■■■■■				
					0	25	50	100
					Question	College	Department	
Response Rate	Mean	STD	Median	College	Mean	STD	Median	Department
29/32 (90.62%)	5.34	0.72	5.00	18124	4.73	1.40	5.00	1895
								Mean
								STD
								Median

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

Response Rate 23/32 (71.88%)

- Attended classes on time.
- I could have engaged more in class activities.
- nothing
- Completed work earlier.
- N/A
- I could have met one on one with my professor when I got points taken off of assignments and asked what I could have done to do better.
- Worked to take more of a leadership role in group projects.
- I could have asked the instructor academic questions more often.
- Started my homework earlier
- I believe I did everything I could to learn effectively.
- Plan out my time better to turn in assignments on time.
- I could have dedicated more time to producing a better project.
- More sleep
- I could have worked more diligently in how I learned the new material in coding by reaching out to other resources.
- I was a good learner in this class
- I could have started my assignment earlier
- I do not think I could have done anything differently.
- I could have taken more time to complete my reports better.
- I could have been more alert in the class.
- I believe I was on task and attentive. I asked questions as needed, and was able to help others as needed. I could have asked more questions during class however.
- I could've started some assignments earlier.
- study more
- I could have applied myself more.

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Response Rate: 29/32 (90.63 %)

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

David Todd Gray

Response Rate 12/32 (37.5%)

- Wicked mustache.
- Instructor was very helpful during office hours and provided useful feedback when I had questions.
- Applying it to the real world was the best part. Favorite teacher of the semester.
- Great job teaching the course and motivating students.
- The class was really fun.
- I like all the jokes inserted into lecture to make the topic more interesting and keep attention focused on the content being presented.
- Great Professor
- Dr. Gray is my favorite teacher this semester.
- A few instructions and examples could have been clearer on assignments such as "How to be Hokie Engineer"
- Dr. Gray is one of my favorite professors because he makes class enjoyable and interesting. I would really like to have his as a professor again.
- he is a great teacher
- Mr. Gray is a very good teacher, and he makes the class fun. I hope to get him for engineering next semester.

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%		<div><div>5.55</div><div>5.09</div><div>5.20</div></div>								
Bad		(2)	0	0.00%										
Poor		(3)	0	0.00%										
Fair		(4)	3	10.34%	<div><div></div><div></div><div></div></div>									
Good		(5)	7	24.14%										
Very Good		(6)	19	65.52%										
					02550100	Question		College		Department				
Response Rate		Mean	STD	Median	College		Mean	STD	Median	Department		Mean	STD	Median
29/32 (90.62%)		5.55	0.69	6.00	18054		5.09	0.99	5.00	1899		5.20	0.86	5.00

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

Response Rate 10/32 (31.25%)

- N/A
- N/A
- None.
- It was good. People participated and were engaged.
- I liked the size of the class.
- The instructor and students were welcoming and respectful.
- The classroom is old, smelly, and very hot which affects my ability to concentrate.
- The classroom is a very relaxed environment that has opened up many discussions on various subject matter we have learned
- Great environment.
- It was great

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Instructor: David Todd Gray *
Response Rate: 29/32 (90.63 %)

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%										
Disagree		(2)	1	3.45%										
Somewhat disagree		(3)	0	0.00%										
Somewhat agree		(4)	4	13.79%										
Agree		(5)	10	34.48%										
Strongly agree		(6)	14	48.28%										
					02550100	Question		College		Department				
Response Rate		Mean	STD	Median	College		Mean	STD	Median	Department		Mean	STD	Median
29/32 (90.62%)		5.24	0.95	5.00	18142		4.94	1.13	5.00	1899		4.94	1.10	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)	1	3.45%										
Disagree		(2)	5	17.24%										
Somewhat disagree		(3)	2	6.90%										
Somewhat agree		(4)	10	34.48%										
Agree		(5)	1	3.45%										
Strongly agree		(6)	10	34.48%										
					02550100	Question		College		Department				
Response Rate		Mean	STD	Median	College		Mean	STD	Median	Department		Mean	STD	Median
29/32 (90.62%)		4.21	1.59	4.00	18001		4.39	1.51	5.00	1875		4.01	1.59	4.00

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)	1	3.45%		4.93	4.99	4.82		Question	College	Department		
Disagree		(2)	0	0.00%										
Somewhat disagree		(3)	1	3.45%										
Somewhat agree		(4)	8	27.59%										
Agree		(5)	7	24.14%										
Strongly agree		(6)	12	41.38%										
					02550100									
Response Rate		Mean	STD	Median	College		Mean	STD	Median	Department		Mean	STD	Median
29/32 (90.62%)		4.93	1.19	5.00	18111		4.99	1.17	5.00	1896		4.82	1.27	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%												
Disagree		(2)	1	3.45%												
Somewhat disagree		(3)	0	0.00%												
Somewhat agree		(4)	8	27.59%												
Agree		(5)	8	27.59%												
Strongly agree		(6)	12	41.38%												
					0	25	50	100	Question		College		Department			
Response Rate		Mean	STD	Median	College		Mean	STD	Median	Department		Mean	STD	Median		
29/32 (90.62%)		5.03	1.02	5.00	17979		4.93	1.24	5.00	1881		4.67	1.31	5.00		

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Instructor:

David Todd Gray *

Response Rate:

29/32 (90.63 %)

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

David Todd Gray

Response Option	Weight	Frequency	Percent	Percent Responses	Means							
Strongly disagree	(1)	0	0.00%			5.62	5.14	5.20				
Disagree	(2)	0	0.00%									
Somewhat disagree	(3)	0	0.00%									
Somewhat agree	(4)	2	6.90%	■								
Agree	(5)	7	24.14%	■								
Strongly agree	(6)	20	68.97%	■								
					0	25	50	100	Question	College	Department	
Response Rate	Mean	STD	Median	College	Mean	STD	Median	Department	Mean	STD	Median	
29/32 (90.62%)	5.62	0.62	6.00	23066	5.14	1.10	5.00	1935	5.20	1.02	5.00	