Virginia Tech
Fall 2016 VT Student Perceptions of Teaching (SPOT)

Course: CS_1014_89499_201609: Intro Computational Thinking-CS_1014_89499_201609

Instructor: Austin Cory Bart * ,Dennis G Kafura,Javier Tibau

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

1A - The instructor was well prepared.

Austin Cory Bart

Response Option	Weight	Frequency	Percent	Percent Responses	Means
Strongly disagree	(1)	1	4.55%		5.45
Disagree	(2)	0	0%		
Somewhat disagree	(3)	0	0%		
Somewhat agree	(4)	0	0%		
Agree	(5)	7	31.82%		
Strongly agree	(6)	14	63.64%		

| | | | | 0 25 50 75 100 | Instructor |

Return Rate	Mean	STD	Median
22/36 (61.11%)	5.45	1.10	6.00

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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.

Austin Cory Bart

Response Option	Weight	Frequency	Percent	Percent Responses	Means
Strongly disagree	(1)	2	9.09%		
Disagree	(2)	0	0%		4.86
Somewhat disagree	(3)	1	4.55%		
Somewhat agree	(4)	4	18.18%		
Agree	(5)	4	18.18%		
Strongly agree	(6)	11	50%		

| | | | | 0 25 50 75 100 | Instructor |

Return Rate	Mean	STD	Median
22/36 (61.11%)	4.86	1.55	5.50

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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.

Austin Cory Bart

Response Option	Weight	Frequency	Percent	Percent Responses	Means
Strongly disagree	(1)	0	0%		5.36
Disagree	(2)	1	4.55%		
Somewhat disagree	(3)	0	0%		
Somewhat agree	(4)	2	9.09%		
Agree	(5)	6	27.27%		
Strongly agree	(6)	13	59.09%		

| | | | | 0 25 50 75 100 | Instructor |

Return Rate	Mean	STD	Median
22/36 (61.11%)	5.36	1.00	6.00

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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.

Austin Cory Bart

Response Option	Weight	Frequency	Percent	Percent Responses	Means
Strongly disagree	(1)	1	4.55%		5.36
Disagree	(2)	0	0%		
Somewhat disagree	(3)	0	0%		
Somewhat agree	(4)	1	4.55%		
Agree	(5)	7	31.82%		
Strongly agree	(6)	13	59.09%		

Return Rate	Mean	STD	Median
22/36 (61.11%)	5.36	1.14	6.00

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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.

Austin Cory Bart

Response Option	Weight	Frequency	Percent	Percent Responses	Means
Strongly disagree	(1)	1	4.55%		5.41
Disagree	(2)	0	0%		
Somewhat disagree	(3)	0	0%		
Somewhat agree	(4)	1	4.55%		
Agree	(5)	6	27.27%		
Strongly agree	(6)	14	63.64%		

Return Rate	Mean	STD	Median
22/36 (61.11%)	5.41	1.14	6.00

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

Austin Cory Bart

• Coding

• gave feedback

• He broke down what we learned and really made sure we all understood completely what we were doing

• Thoroughly went over the material

• provided feedback

• Had office hours available for us to come in if we had any questions.

• He always made sure we understood what was happening and if we didn't, he would work with us until we did.

• Cory is intelligent and good at explaining the material.

• He made sure to take time with anyone and everyone who asked for help. He was patient.

• Gave us examples

• Answering questions the best to his ability. Always offering office hours. Step by step process.

• The way he set up the "cohorts" definitely helped for this style of class where the lecture covers the basics, but the assignments themselves are what really helps with the teaching. So setting up those in class support systems just helped everyone to catch onto the material.

• Professor Bart loves to answer questions. Meaning that whenever something seemed unclear he was more than willing to extend his answer or rephrase his explanation in order to help us more clearly grasp the concept.

• Professor Bart was very knowledge in the subject he was teaching, and could help us as students while still challenging us to understand the material. He effectively helped me learn an entirely new subject in just one semester.

• He was well versed in the content

• He was always very willing to help each individual student with their problems/questions. He split our class into cohorts so we could collaborate effectively.

• Powerpoint Presentations

• Relate to real world issues

• He fostered an encouraging and supportive atmosphere in which I felt as if I could be successful with the course material.

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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)	1	4.55%		5.09
Disagree	(2)	0	0%		
Somewhat disagree	(3)	1	4.55%		
Somewhat agree	(4)	4	18.18%		
Agree	(5)	4	18.18%		
Strongly agree	(6)	12	54.55%		

Return Rate	Mean	STD	Median
22/36 (61.11%)	5.09	1.31	6.00

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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)	1	4.55%		4.55
Disagree	(2)	1	4.55%		
Somewhat disagree	(3)	4	18.18%		
Somewhat agree	(4)	4	18.18%		
Agree	(5)	3	13.64%		
Strongly agree	(6)	9	40.91%		

Return Rate	Mean	STD	Median
22/36 (61.11%)	4.55	1.53	5.00

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

- paid more attention
- Went over the material more
- moved more slowly
- Taken more time to go back through the notes.
- I could have tried to go beyond expectations for the projects.
- Done the homework on time.
- I'm not entirely sure. The course was great.
- done work faster
- My main issue in this class is that I already knew most of the material they covered, so I didn't pay as close attention and tended to do my own thing for class and assignments.
- Practiced coding more definitely would have helped. My attendance grade was less than stellar as well.
- Read the rubric more in depth, and ask more questions on some things i thought i understood.
- practiced more code
- I could have done some of the larger assignments further ahead of time, so that i could have assisted my cohort more.
- Ask more questions
- Nothing. I really enjoyed this class and feel as if I did very well with the course material.

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

Austin Cory Bart
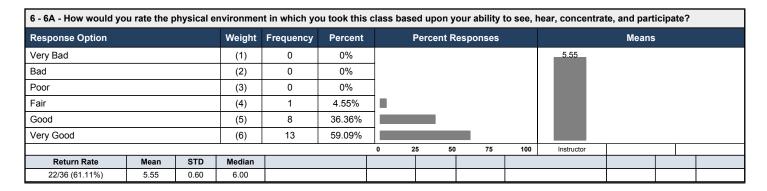
- Good teacher, always willing to help. Knowledgeable and understanding if we are struggling.
- A great professor. Very much appreciate his enthusiasm and heart for the course.
- he did a good job
- Would definitely take another class of his - he's got good jokes but also makes us learn.
- Fantastic guy. Made coding fun and interesting. Hope his Ph.D program goes well.
- Great professor

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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%		
Bad	(2)	0	0%		
Poor	(3)	0	0%		
Fair	(4)	1	4.55%		5.55
Good	(5)	8	36.36%		
Very Good	(6)	13	59.09%		

Return Rate	Mean	STD	Median
22/36 (61.11%)	5.55	0.60	6.00

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

• I really liked working in small groups, being able to ask my group members first for help and collaborating on projects really helped my confidence in this subject because on my own I don't think I would've felt the same about this class

• doesnt need anything

• The physical enviornment, or the classroom we were in, was always cold, but other than that, it was good.

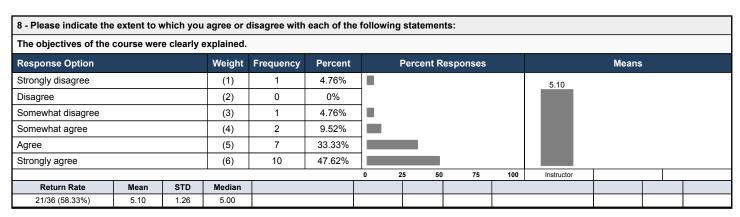• nice set up for working in groups, and everyone being able to see the screens

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)	1	4.76%		
Disagree	(2)	0	0%		
Somewhat disagree	(3)	1	4.76%		5.00
Somewhat agree	(4)	3	14.29%		
Agree	(5)	7	33.33%		
Strongly agree	(6)	9	42.86%		

Return Rate	Mean	STD	Median
21/36 (58.33%)	5.00	1.26	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	4.76%		
Disagree	(2)	1	4.76%		
Somewhat disagree	(3)	3	14.29%		4.57
Somewhat agree	(4)	3	14.29%		
Agree	(5)	6	28.57%		
Strongly agree	(6)	7	33.33%		

Return Rate	Mean	STD	Median
21/36 (58.33%)	4.57	1.47	5.00

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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	4.76%		5.10
Disagree	(2)	0	0%		
Somewhat disagree	(3)	1	4.76%		
Somewhat agree	(4)	2	9.52%		
Agree	(5)	7	33.33%		
Strongly agree	(6)	10	47.62%		

Return Rate	Mean	STD	Median
21/36 (58.33%)	5.10	1.26	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)	1	4.76%		5.10
Disagree	(2)	0	0%		
Somewhat disagree	(3)	0	0%		
Somewhat agree	(4)	6	28.57%		
Agree	(5)	2	9.52%		
Strongly agree	(6)	12	57.14%		

Return Rate	Mean	STD	Median
21/36 (58.33%)	5.10	1.30	6.00

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

Austin Cory Bart

Response Option	Weight	Frequency	Percent	Percent Responses	Means
Strongly disagree	(1)	0	0%		5.64
Disagree	(2)	0	0%		
Somewhat disagree	(3)	0	0%		
Somewhat agree	(4)	0	0%		
Agree	(5)	8	36.36%		
Strongly agree	(6)	14	63.64%		

Return Rate	Mean	STD	Median
22/36 (61.11%)	5.64	0.49	6.00

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%		5.32
Disagree	(2)	0	0%		
Somewhat disagree	(3)	1	4.55%		
Somewhat agree	(4)	2	9.09%		
Agree	(5)	8	36.36%		
Strongly agree	(6)	11	50%		

Return Rate	Mean	STD	Median
22/36 (61.11%)	5.32	0.84	5.50