

Report: CS3114\_5040\_Summer\_2024

Response Rate: 61/73 (83.56 %)

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

## 1A - The instructor was well prepared.

Response Option				Weight	Frequency	Percent	Percent Responses	Means				
Strongly disagree				(1)	0	0.00%						
Disagree				(2)	0	0.00%						
Somewhat disagree				(3)	1	1.64%						
Somewhat agree				(4)	7	11.48%						
Agree				(5)	29	47.54%						
Strongly agree				(6)	24	39.34%						
							02550100	Question	College	Department		
Response Rate		Mean	STD	Median	College	Mean	STD	Median	Department	Mean	STD	Median
61/73 (83.56%)		5.25	0.72	5.00	659	5.41	0.87	6.00	300	5.41	0.80	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.

Response Option		Weight	Frequency	Percent	Percent Responses	Means							
Strongly disagree		(1)	0	0.00%	<div><div></div></div>	<div><div>5.16</div></div>	<div><div>5.29</div></div>	<div><div>5.34</div></div>					
Disagree		(2)	0	0.00%									
Somewhat disagree		(3)	0	0.00%									
Somewhat agree		(4)	11	18.03%	<div><div></div></div>								
Agree		(5)	29	47.54%	<div><div></div></div>								
Strongly agree		(6)	21	34.43%	<div><div></div></div>								
					02550100	Question		College		Department			
Response Rate		Mean	STD	Median	College	Mean	STD	Median	Department		Mean	STD	Median
61/73 (83.56%)		5.16	0.71	5.00	655	5.29	0.97	6.00	300		5.34	0.84	6.00

## 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.

Response Option				Weight	Frequency	Percent	Percent Responses		Means								
Strongly disagree				(1)	0	0.00%			5.03	5.23	5.22						
Disagree				(2)	0	0.00%											
Somewhat disagree				(3)	0	0.00%											
Somewhat agree				(4)	19	31.15%											
Agree				(5)	21	34.43%											
Strongly agree				(6)	21	34.43%											
							0	25	50	100	Question		College		Department		
Response Rate		Mean	STD	Median	College		Mean	STD	Median	Department		Mean	STD	Median			
61/73 (83.56%)		5.03	0.82	5.00	651		5.23	1.04	6.00	299		5.22	0.96	5.00			

## 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.

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)	7	11.48%										
Agree		(5)	26	42.62%										
Strongly agree		(6)	28	45.90%										
					02550100	Question		College		Department				
Response Rate		Mean	STD	Median	College		Mean	STD	Median	Department		Mean	STD	Median
61/73 (83.56%)		5.34	0.68	5.00	651		5.52	0.83	6.00	297		5.52	0.80	6.00

Virginia Tech

Summer II and III 2024 VT Student Perceptions of Teaching (SPOT)

Report: CS3114\_5040\_Summer\_2024

Response Rate: 61/73 (83.56 %)

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.															
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)	9	15.52%											
Agree		(5)	30	51.72%											
Strongly agree		(6)	19	32.76%											
					0	25	50	100	Question		College		Department		
Response Rate		Mean	STD	Median	College		Mean	STD	Median	Department		Mean	STD	Median	
58/73 (79.45%)		5.17	0.68	5.00	647		5.28	1.01	6.00	295		5.33	0.87	6.00	

Virginia Tech

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Response Rate: 61/73 (83.56 %)

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

Response Rate43/73 (58.9%)

- Allowing us to forego attendance helped immensely. I was juggling several classes at once for this Summer semester, so being able to go at my own pace was very beneficial.
- clear notes and help i piazza
- detailed explanation of class material and prompt answers on piazza
- Easily accessible and adjusted to students' needs.
- Explain content really well
- Flexibility for attendance
- Gave really detailed explanations in class and responded quickly when I reached out.
- good and engaging content
- good lectures
- Having a large selection of videos to go back to was great and much more helpful than lectures where I'd take my own notes.
- He always gave good feedback on the issues with my projects when I have asked about them.
- He explained things thoroughly and slowly.
- He gave detailed examples during lectures on whatever we were learning from the opensa passages, and I found that to be very helpful.
- He is very, very well spoken.
- He made sure he was available to answer all questions and replied quickly to any emails
- He made the class content easy to understand and encouraged students to enjoy learning coursework
- He provided helpful online resources to help understand the content.
- He provides clear explanations.
- He regularly hosted office hours and had an abundance of TA office hours to help us succeed and make sure someone was always available to provide assistance.
- He rescheduled finals when I was unable to attend the normal times due to work
- He was very approachable and amicable. He is very knowledgeable and helped guide you to the the answer to your problem instead of giving you the answer.
- I liked his explanations of course material beyond opensa
- I really liked that office hours were right after class.
- I struggled to attend office hours due to my schedule, and I really appreciated the hints on where to debug for my project that he would respond with in Piazza.
- I think the class slides were really nice to have, and the structuring of the projects were really helpful in understanding how to do them.
- Instructor was able to explain subjects matters and projects well.
- Lectures were nice
- n/a
- Office hours were helpful
- Office hours were very interactive
- Office hours.
- Provided many opportunities to ask questions during class and office hours
- Really liked how Alex Hicks took time to explain each project spec in detail during lecture. Also how he did not mind re explaining something again. Even if someone else asked & I didn't really understand (specifically via piazza and office hours). I have experienced a lot with previous professors (here at VT) that you can tell they get mad or catch a slight annoyance for this. Never once felt this with Mr. Hicks, which as a student coming to a professor I value a lot much. For a virtual summer class this was easy to follow with Mr.Hicks. I really appreciate the consistent canvas announcement reminders he would send out when we had important deadlines. Overall, 10/10 would recommend.
- recorded lectures
- Recorded lectures that could be viewed later to relearn tougher material
- The instructor asked questions which helped make classes more engaging.
- The instructor provided a very flexible schedule to be able to ask questions in office hours, and other modes of communication to clearly communicate the coursework.
- The instructor was incredibly in depth about everything.
- The office hours were helpful, had my questions answered well whenever I was stuck.
- The Open DSA was very helpful in learning some topics
- was flexible during the summer as I was working
- Was very responsive via email/
- Whenever I had questions, he was able to reach back to in a timely manner and help troubleshoot anything I was having trouble with. Apart from that, his lecture recordings have also been very useful to help relearn and absorb the material. He also explains the content very well and always kept us updated on any deadlines and important dates that were coming up, and it allowed me to be sure that I was on track to making good progress.

# Virginia Tech

## Summer II and III 2024 VT Student Perceptions of Teaching (SPOT)

**Report:** CS3114\_5040\_Summer\_2024

**Response Rate:** 61/73 (83.56 %)

**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%	<div><div></div></div>	<div><div>5.15</div><div>5.26</div><div>5.32</div></div>							
Disagree		(2)	0	0.00%									
Somewhat disagree		(3)	0	0.00%									
Somewhat agree		(4)	13	21.67%									
Agree		(5)	25	41.67%									
Strongly agree		(6)	22	36.67%									
					02550100	Question	College		Department				
Response Rate		Mean	STD	Median	College	Mean	STD	Median	Department		Mean	STD	Median
60/73 (82.19%)		5.15	0.76	5.00	620	5.26	1.01	6.00	264		5.32	0.85	6.00

**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	Means										
Strongly disagree		(1)	0	0.00%												
Disagree		(2)	0	0.00%												
Somewhat disagree		(3)	2	3.33%												
Somewhat agree		(4)	18	30.00%												
Agree		(5)	21	35.00%												
Strongly agree		(6)	19	31.67%												
					0	25	50	100	Question		College		Department			
Response Rate		Mean	STD	Median	College		Mean	STD	Median	Department		Mean	STD	Median		
60/73 (82.19%)		4.95	0.87	5.00	619		5.02	1.16	5.00	264		5.06	1.05	5.00		

# Virginia Tech

## Summer II and III 2024 VT Student Perceptions of Teaching (SPOT)

**Report:** CS3114\_5040\_Summer\_2024

**Response Rate:** 61/73 (83.56 %)

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

Response Rate	43/73 (58.9%)
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- attend more meetings
- Attended class
- Better paid attention during class time
- do homework and projects earlier
- focus on lectures better
- Given myself a lot more time since it was summer course.
- Gone to class
- I could have attended more lectures and Office Hours
- I could have been more attentive at the zoom meetings and participated more.
- I could have been more attentive in class and followed along with the Zoom polls.
- I could have payed attention more.
- I could have read the opensda passages before each class.
- I could have read the textbook (did OpenDSA) assignments as the subjects were being taught in class.
- I could have spent more time understand the material more fully, although it was challenging as it was a remote summer course.
- I could have started my projects a lot earlier
- I could've paid more attention to the lectures.
- I could've reviewed the open dsa textbook before class.
- I made a mistake in choosing a partner for a project which worsened my grade but made sure to bounce back for the end of the course.
- I needed to start earlier on the projects
- I personally got overwhelmed by the projects very easily, by looking at them holistically instead of breaking them down into smaller problems. This is a bad habit of mine, and something I intend on correcting.
- I should have been doing the OpenDSA assignments more in line with when we did the subjects in class.
- I think I could have taken notes, which I wasn't sure because i didn't need to in 2114. I also think I could have payed attention more in class. I think it considering the lectures are more about process, it is more of a class that I should have taken in person.
- I was a bit lazy at times and I could've gotten started on my projects earlier.
- I would have revised what I have learned in the textbook thoroughly and continue to search and work on more practice problems to be better prepared for the exams.
- If I actually did the OpenDSA on schedule, I would have learned it better than just cramming.
- If I did the OpenDSA while doing the projects instead of doing everything at the end
- Instead of attendance by exam i couldve done normal attendance but i ended up getting a job which didnt allow me to do this
- Just need better time management on my end, was good at first but towards end started to slip slightly. Also I took this class during my summer internship. It's doable but you have to be sharp, start projects early. Highly recommending note taking the lectures where you go over project spe, in full detail. With timestamps of where information was said, so that you can reference for later.
- Made more time to study the textbook
- Manage my time better.
- n/a
- Nothing.
- Online learning does have more distractions
- Open DSA was pretty buggy, I lost points on chapters not working for me, but I also left those for the last day so that can be on me as well.
- Paid a little more attention
- Paid attention in class
- Practice coding often!
- Spent more time per day learning the content than diving right into the projects.
- Starting projects earlier
- Starting the projects early and not missing the milestones
- time management
- virtual classes are hard for me in general, but I think he did a good job of making it a smooth process
- Work harder on the projects.

## Summer II and III 2024 VT Student Perceptions of Teaching (SPOT)

**Response Rate:** 61/73 (83.56 %)

Response Rate	29/73 (39.73%)
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- .
- great work!
- Had a good summer semester.
- He explains the material very well that is easy to follow and understand the content. He is also very helpful on helping people troubleshoot things on projects and assignments and answers emails in a timely manner. Every time I need clarification on things, I could always approach him for ask questions and concerns and get them answered in a timely fashion.
- He provided lots of bonus pt opportunities.
- He was good over all
- He was very good at explaining the content and making it easy to understand.
- He was very helpful and very responsive in the piazza, and made the course easier to understand in the short amount of time that we had.
- I hope there would be extra points for achieving milestones on projects
- I like how the projects were 50% of the grade. I do believe though that adding more CodeWorkout exercises as part of the homework would be helpful for understanding the material better. The textbook did well with helping me visualize what the data structures were doing, but I feel like I was lacking understanding on their exact implementation.
- I think open dsa was really wordy and hard to understand. I think recording lectures would help more because watching an explanation in real life is always more effective and going through slides. I also think that the begginging of the course was too much of a review of 2114 and it sort of became difficult to understand how to manage the class like notes, hw, etc, becuae the begginging felt too much like review.
- I think responsiveness on Piazza and/or more accessible TA hours would've been very helpful, especially on project due date days. There was a day where I posted a question on piazza the day of submission probably about 6 hours before it was due and didnt get a response until the next day passed the second 12 hour late period. so I was not able to improve my project at risk of getting a lower score
- Love professor Alex!
- N/A
- n/a
- N/A
- n/a
- n/a
- n/a
- N/A
- N/A
- No complaints keep up the good work.
- Not directed at the professor since its not his fault But the course having a broken DSA for the whole semester is extremely frustrating
- Overall, I think the class was well-taught and the course material/assignments were spaced out reasonably.
- The class was very enjoyable and filled with valuable information.
- Trying to get credit with OpenDSA was frustrating and sometimes it would not load properly. The requirements in some of the docs for the project were unclear ( Sample output had errors) and WebCat tests gave little to no feedback.
- Very friendly and knowledgeable
- very helpful, understanding, cares about his students
- Very professional.

Response Option				Weight	Frequency	Percent	Percent Responses		Means									
Very Bad				(1)	0	0.00%			5.03		5.34		5.38					
Bad				(2)	0	0.00%												
Poor				(3)	0	0.00%												
Fair				(4)	15	25.42%												
Good				(5)	27	45.76%												
Very Good				(6)	17	28.81%												
							0	25	50	100	Question		College		Department			
Response Rate		Mean	STD	Median	College		Mean		STD	Median	Department		Mean	STD	Median			
59/73 (80.82%)		5.03	0.74	5.00	607		5.34		0.85	6.00	261		5.38	0.74	6.00			

**Report:** CS3114\_5040\_Summer\_2024

**Response Rate:** 61/73 (83.56 %)

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

Response Rate	29/73 (39.73%)
<ul style="list-style-type: none"> <li>• .</li> <li>• Because the summer course is online, I was able to focus and work effectively on each of the projects and homework assignments. The lectures are also very easy to follow through, and I could always go back on them whenever I need to revise any content related material.</li> <li>• Difficult in online learning</li> <li>• I was just in my room.</li> <li>• I was virtual and my bed is comfy.</li> <li>• I would prefer to be in person, but this was one of the best online classes I've been in.</li> <li>• It was a zoom class so it was dependent on internet, but overall no complaints it was good for what it was.</li> <li>• it was an online class so nothing special.</li> <li>• It was virtual.</li> <li>• It's an online class</li> <li>• Just a difficult summer on my end, but it seemed well organized on the instructor side which i appreciated</li> <li>• n/a</li> <li>• N/A</li> <li>• n/a</li> <li>• n/a</li> <li>• N/A due to fully virtual class</li> <li>• online</li> <li>• online c;ass</li> <li>• Online classes are just always going to be difficult since it is mostly self-motivated.</li> <li>• Online zoom was good.</li> <li>• Our piazza cannot provide many helpful tips. And TAs and professors sometimes didn't answer questions very quickly.</li> <li>• remote environment</li> <li>• There was no physical environment, as it was an online course. However, nothing on the instructor's Zoom camera was ever a distraction from the instructor himself.</li> <li>• This class is virtual, but my chair is very comfy</li> <li>• This was an online class, so there was no physical environment.</li> <li>• Virtual</li> <li>• Virtual</li> <li>• Was virtual class room</li> <li>• Zoom meetings were always up and uploaded to canvas in case which is great</li> </ul>	

**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)	0	0.00%											
Somewhat disagree		(3)	0	0.00%											
Somewhat agree		(4)	12	20.34%											
Agree		(5)	28	47.46%											
Strongly agree		(6)	19	32.20%											
					0	25	50	100	Question		College		Department		
Response Rate		Mean	STD	Median	College		Mean	STD	Median	Department		Mean	STD	Median	
59/73 (80.82%)		5.12	0.72	5.00	621		5.21	0.94	5.00	264		5.30	0.79	5.00	

Report: CS3114\_5040\_Summer\_2024

Response Rate: 61/73 (83.56 %)

## 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)	0	0.00%					Question	College	Department		
Disagree		(2)	0	0.00%									
Somewhat disagree		(3)	0	0.00%									
Somewhat agree		(4)	12	20.34%									
Agree		(5)	29	49.15%									
Strongly agree		(6)	18	30.51%									
					02550100								
Response Rate		Mean	STD	Median	College	Mean	STD	Median	Department		Mean	STD	Median
59/73 (80.82%)		5.10	0.71	5.00	616	4.80	1.26	5.00	263		4.94	1.07	5.00

## 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)	0	0.00%							
Disagree		(2)	0	0.00%							
Somewhat disagree		(3)	2	3.45%							
Somewhat agree		(4)	11	18.97%							
Agree		(5)	27	46.55%							
Strongly agree		(6)	18	31.03%							
					02550100	Question	College	Department			
Response Rate	Mean	STD	Median	College	Mean	STD	Median	Department	Mean	STD	Median
58/73 (79.45%)	5.05	0.80	5.00	618	5.29	0.91	6.00	262	5.28	0.83	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	1.72%		 5.14	 5.18	 5.31		
Disagree				(2)	0	0.00%						
Somewhat disagree				(3)	0	0.00%						
Somewhat agree				(4)	10	17.24%						
Agree				(5)	25	43.10%						
Strongly agree				(6)	22	37.93%						
							02550100					Question
Response Rate		Mean	STD	Median	College	Mean	STD	Median	Department	Mean	STD	Median
58/73 (79.45%)		5.14	0.91	5.00	605	5.18	1.06	5.00	259	5.31	0.90	6.00

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

Response Option				Weight	Frequency	Percent	Percent Responses	Means					
Strongly disagree				(1)	0	0.00%		 5.17	 5.39	 5.40			
Disagree				(2)	0	0.00%							
Somewhat disagree				(3)	1	1.67%							
Somewhat agree				(4)	10	16.67%							
Agree				(5)	27	45.00%							
Strongly agree				(6)	22	36.67%							
							0    25    50    100					Question	College
Response Rate		Mean	STD	Median	College		Mean	STD	Median	Department	Mean	STD	Median
60/73 (82.19%)		5.17	0.76	5.00	647		5.39	0.84	6.00	295	5.40	0.74	6.00



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Response Rate: 61/73 (83.56 %)

10 - I learned to apply principles from this course to new situations.

Response Option		Weight	Frequency	Percent	Percent Responses	Means						
Strongly disagree		(1)	0	0.00%								
Disagree		(2)	0	0.00%								
Somewhat disagree		(3)	2	3.33%								
Somewhat agree		(4)	10	16.67%								
Agree		(5)	31	51.67%								
Strongly agree		(6)	17	28.33%								
					0 25 50 100	Question	College	Department				
Response Rate		Mean	STD	Median	College	Mean	STD	Median	Department	Mean	STD	Median
60/73 (82.19%)		5.05	0.77	5.00	264	5.30	0.87	5.00	264	5.30	0.87	5.00