

CS 2501-100 Spec Topic: Computer Science - Fall 2019

ENGR (18452)

INSTRUCTORS: Floryan, Mark (mrf8t)

Respondents: 20 / Enrollment: 74

Summary: CS 2501-100 Spec Topic: Computer Science - Fall 2019 (18452)	
Overall Course Rating CS-2501-100 Mean 4.52 CS-2501-100 Std Dev 0.63 CS-2501-100 Response Count 100 SEAS, 2000-level courses Mean 3.95 SEAS, 2000-level courses Std Dev 1.07 SEAS, 2000-level courses Response Count 16045	Overall Instructor Rating <i>INSTRUCTOR:</i> Floryan, Mark Mean 4.62 Std Dev 0.54 Response Count 40 SEAS, 2000-level courses Mean 4.39 SEAS, 2000-level courses Std Dev 0.88 SEAS, 2000-level courses Response Count 6799

~ QUESTIONS AND DETAILS ~		~ ANSWER MATRICES ~							
1. The activities and assignments helped me learn the subject matter. ~ Question Type: Likert ~ <i>contributed by Dean of the School of Engineering and Applied Science</i>	Results for CS-2501-100								
	Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
	20	4.55	0.60	12 (60.00%)	7 (35.00%)	1 (5.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)
	Results for SEAS, 2000-level courses								
	Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
	3218	4.13	0.94	1288 (40.02%)	1359 (42.23%)	325 (10.10%)	154 (4.79%)	76 (2.36%)	16 (0.50%)
2. There was a reasonable level of effort expected for the credit hours received. ~ Question Type: Likert ~ <i>contributed by Dean of the School of Engineering and Applied Science</i>	Results for CS-2501-100								
	Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
	20	4.55	0.60	12 (60.00%)	7 (35.00%)	1 (5.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)
	Results for SEAS, 2000-level courses								
	Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
	3210	4.05	1.04	1238 (38.57%)	1337 (41.65%)	297 (9.25%)	201 (6.26%)	126 (3.93%)	11 (0.34%)
3. The course materials (such as textbook, readings, or background materials) increased my learning. ~ Question Type: Likert ~ <i>contributed by Dean of the School of Engineering and Applied Science</i>	Results for CS-2501-100								
	Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
	20	4.35	0.70	8 (40.00%)	7 (35.00%)	2 (10.00%)	0 (0.00%)	0 (0.00%)	3 (15.00%)
	Results for SEAS, 2000-level courses								
	Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
	3207	3.69	1.13	805 (25.10%)	1082 (33.74%)	631 (19.68%)	297 (9.26%)	165 (5.14%)	227 (7.08%)

~ QUESTIONS AND DETAILS ~

~ ANSWER MATRICES ~

4. The course material was well organized and developed.

Question Type: Likert

contributed by Dean of the School of Engineering and Applied Science

Results for CS-2501-100

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
20	4.65	0.49	13 (65.00%)	7 (35.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)

Results for SEAS, 2000-level courses

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
3204	3.88	1.12	1066 (33.27%)	1269 (39.61%)	420 (13.11%)	264 (8.24%)	170 (5.31%)	15 (0.47%)

5. The instructor was well prepared for class.

Question Type: Likert

contributed by Dean of the School of Engineering and Applied Science

Results for CS-2501-100, Floryan, Mark

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
20	4.70	0.47	14 (70.00%)	6 (30.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)

Results for SEAS, 2000-level courses

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
3401	4.25	0.97	1671 (49.13%)	1026 (30.17%)	340 (10.00%)	137 (4.03%)	80 (2.35%)	147 (4.32%)

6. The grading policy was fair.

Question Type: Likert

contributed by Dean of the School of Engineering and Applied Science

Results for CS-2501-100

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
20	4.45	0.76	11 (55.00%)	8 (40.00%)	0 (0.00%)	1 (5.00%)	0 (0.00%)	0 (0.00%)

Results for SEAS, 2000-level courses

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
3206	3.98	1.03	1143 (35.65%)	1280 (39.93%)	439 (13.69%)	237 (7.39%)	95 (2.96%)	12 (0.37%)

7. The instructor showed respect for students, and created a safe and supportive learning environment.

Question Type: Likert

contributed by Dean of the School of Engineering and Applied Science

Results for CS-2501-100, Floryan, Mark

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
20	4.55	0.60	12 (60.00%)	7 (35.00%)	1 (5.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)

Results for SEAS, 2000-level courses

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
3398	4.53	0.74	2094 (61.62%)	891 (26.22%)	208 (6.12%)	50 (1.47%)	22 (0.65%)	133 (3.91%)

8. What aspects of the course most helped your learning?

Question Type: Short Answer

contributed by Dean of the School of Engineering and Applied Science

Results for CS-2501-100

Total	Individual Answers
13	See below for Individual Results

Having the flexibility to do assignments at your own pace let me actually spend time with the material, get stuck, learn some new things, come back and complete it. This alone made me learn much more than I feel I learn in many of my other classes.

I really appreciated that we always had the chance to go back and learn stuff. I also feel like it was really helpful making sure that I really understood the stuff by taking the quizzes in the quiz bank until I knew I understood the stuff.

The assignments were very helpful in my learning the material.

~ QUESTIONS AND DETAILS ~

~ ANSWER MATRICES ~

TA office hours were instrumental in my understanding of how to actually implement the data structures described during lecture.

Implementations were very helpful in learning data structures.

Being able to work on assignments at my own pace made sure I knew the material, because I wasn't just doing them to meet a deadline, but I was more focused on getting them correct so that I could pass the homeworks. Lecture slides were also very helpful and the teaching style was clear and easily followed.

The homework assignments forced me to understand the underlying concepts.

The assignments were really fun most of the time. It was satisfying to see the tester go DONE DONE DONE ALL GOOD!!! The pacing was nice also.

Doing the homework

I liked that the homework assignments did not have due dates so that I could pace myself and focus on the material I needed to.

The homeworks.

The ability to have weekly quizzes and make them up allowed me to reflect on what I didn't quite know and show that I eventually made up for it. I liked being able to choose my own pace as needed.

Homeworks.

9. What changes to the course would most help your learning?

Question Type: Short Answer

contributed by Dean of the School of Engineering and Applied Science

Results for CS-2501-100

Total	Individual Answers
10	See below for Individual Results

Less analysis and more coding assignments.

Having a way to more immediately receive feedback for quizzes and assignments. Perhaps an automated testing system for implementation submissions would be helpful. Some type of assessment that students needed to complete in a real-time (without seeing beforehand and not having a time limit) and was followed by an answer key would be helpful for learning.

I would remove the lab analyses from the course as I don't believe they are very helpful.

Faster grading of assignments, especially near the end of the semester when everything is due.

Please destroy roomba >:((I actually didn't hate roomba that much.) In all honesty, I think the assignments requiring students to think outside the box and be creative (like roomba) are very useful. If you can find really strong assignments for these, you'll have the homeworks nailed down. It could even be a game/simulation like roomba, but just a bit more polished. Also, some variation on the second homeworks would be nice. Replace one or two reports with something more exciting, like getting a program to do something novel with the data structure they just implemented. The word search solver was really cool, I want more things like that.

I feel like falling behind made everything really hard but I think it taught good life skills.

Learning would be much more efficient if we code do more coding in class.

Most of the class seemed to be a reading of a slideshow. I really enjoyed the times we live coded and worked through things as a class. If class was more of a learn by trying and doing it would definitely make learning more interesting and easier.

N/A

My only problem was that grades were not released regularly or when they said they were going to be, which made it hard to know what quizzes to study for because I wouldn't know until the morning of many times what I needed to take for the day.

~ QUESTIONS AND DETAILS ~

~ ANSWER MATRICES ~

10. The average number of hours per week I spent outside of class preparing for this course was:

Question Type: Multiple Choice

contributed by Office of the Provost

Results for CS-2501-100

Total	Less than 1 (NA)	1 - 3 (NA)	4 - 6 (NA)	7 - 9 (NA)	10 or more (NA)
20	0 (0.00%)	5 (25.00%)	12 (60.00%)	3 (15.00%)	0 (0.00%)

Results for SEAS, 2000-level courses

Total	Less than 1 (NA)	1 - 3 (NA)	4 - 6 (NA)	7 - 9 (NA)	10 or more (NA)
3215	226 (7.03%)	984 (30.61%)	1202 (37.39%)	438 (13.62%)	365 (11.35%)

11. I learned a great deal in this course.

Question Type: Likert

contributed by Office of the Provost

Results for CS-2501-100

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)
20	4.80	0.41	16 (80.00%)	4 (20.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)

Results for SEAS, 2000-level courses

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)
3206	4.12	0.95	1298 (40.49%)	1302 (40.61%)	378 (11.79%)	160 (4.99%)	68 (2.12%)

12. Overall, this was a worthwhile course.

Question Type: Likert

contributed by Office of the Provost

Results for CS-2501-100

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)
20	4.80	0.41	16 (80.00%)	4 (20.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)

Results for SEAS, 2000-level courses

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)
3205	4.06	1.03	1303 (40.66%)	1212 (37.82%)	403 (12.57%)	169 (5.27%)	118 (3.68%)

13. The course's goals and requirements were defined and adhered to by the instructor.

Question Type: Likert

contributed by Office of the Provost

Results for CS-2501-100, Floryan, Mark

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)
20	4.70	0.57	15 (75.00%)	4 (20.00%)	1 (5.00%)	0 (0.00%)	0 (0.00%)

Results for SEAS, 2000-level courses

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)
3393	4.29	0.86	1666 (49.10%)	1228 (36.19%)	350 (10.32%)	109 (3.21%)	40 (1.18%)

14. The instructor was approachable and made himself/herself available to students outside the classroom.

Question Type: Likert

contributed by Office of the Provost

Results for CS-2501-100, Floryan, Mark

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)
20	4.45	0.51	9 (45.00%)	11 (55.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)

Results for SEAS, 2000-level courses

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)
3388	4.28	0.90	1740 (51.36%)	1062 (31.35%)	438 (12.93%)	104 (3.07%)	44 (1.30%)

~ QUESTIONS AND DETAILS ~

~ ANSWER MATRICES ~

15. Overall, the instructor was an effective teacher.~
Question Type: Likert~
contributed by Office of the Provost**Results for CS-2501-100, Floryan, Mark**

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)
20	4.65	0.59	14 (70.00%)	5 (25.00%)	1 (5.00%)	0 (0.00%)	0 (0.00%)

Results for SEAS, 2000-level courses

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)
3402	4.14	1.03	1605 (47.18%)	1059 (31.13%)	443 (13.02%)	205 (6.03%)	90 (2.65%)

16. Please make any overall comments or observations about this course:~
Question Type: Short Answer~
contributed by Office of the Provost**Results for CS-2501-100**

Total	Individual Answers
10	See below for Individual Results

Floryan was a very effective professor and the material was very interesting.

Mark Floryan cannot draw even looking boxes and it took away from the experience.

Good course.

The overall structure of the class was great (content, pacing, evaluation techniques, re-doable quizzes).

I thought the course was well organized and very informative.

Floryan is an amazing professor

Some of the analyses (e.g. Roomba or Blackjack) were somewhat excessive and took time unrepresentative of their contribution to student learning. Course grading policy also has many flaws. With only one hard deadline, all students were at different places throughout the course and grading was too reliant on TAs. It became difficult to prepare for quizzes when feedback wasn't provided until the morning of lab. Assignments also were not returned at regular time intervals from submission. The grading policy also seemed somewhat unfair as a student could complete every single module except the first and fail the class.

The delay in grading homework assignments made planning ahead more difficult.

Id give the class a 2. It was my favorite class I've taken at UVA I wish more classes were structured this way as It reduced stress so much and allowed me to learn practical skills. By being so flexible it gives you the chance to work with the material as much as you need rather than having hard deadlines that you need to know it by. I also appreciated that much of the fluff was cut out and he showed us how to do the important things in java whereas many other classes will try and teach every little detail of a language, which just isn't necessary. Moreover, I always went to class and still appreciated posting the lecture videos. It was much more helpful when he started drawing on the screen so that when I would watch the lectures, I could follow what he was saying.

I had so much fun in DSA this semester. It was really cool. I also appreciate how fun it was to come to class and how good the professor was at telling stories/how funny he was. It made it easy to stay engaged.