

CS 4102-001 Algorithms - Spring 2015

ENGR (17375)

INSTRUCTORS: Floryan, Mark (mrf8t)

Respondents: 43 / Enrollment: 86

Summary: CS 4102-001 Algorithms - Spring 2015 (17375)	
Overall Course Rating CS-4102-001 Mean 4.32 CS-4102-001 Std Dev 0.88 CS-4102-001 Response Count 215 SEAS, 4000-level courses Mean 4.19 SEAS, 4000-level courses Std Dev 0.94 SEAS, 4000-level courses Response Count 9648	Overall Instructor Rating <i>INSTRUCTOR:</i> Floryan, Mark Mean 4.58 Std Dev 0.61 Response Count 298 SEAS, 4000-level courses Mean 4.37 SEAS, 4000-level courses Std Dev 0.84 SEAS, 4000-level courses Response Count 14316

~ QUESTIONS AND DETAILS ~		~ ANSWER MATRICES ~							
<div>1. The course addressed technically rigorous subject matter consistent with the course objectives.</div> <div>~</div> <div>Question Type: Likert</div> <div>~</div> <div>contributed by Dean of the School of Engineering and Applied Science</div>	Results for CS-4102-001								
	Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
	43	4.74	0.54	34 (79.07%)	7 (16.28%)	2 (4.65%)	0 (0.00%)	0 (0.00%)	0 (0.00%)
	Results for SEAS, 4000-level courses								
	Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
1928	4.42	0.76	1032 (53.53%)	721 (37.40%)	106 (5.50%)	31 (1.61%)	21 (1.09%)	17 (0.88%)	
<div>2. The instructor used methods other than/in addition to traditional lectures (for example, active learning, in-class problems, collaborative learning, in-class discussion) effectively in this course.</div> <div>~</div> <div>Question Type: Likert</div> <div>~</div> <div>contributed by Dean of the School of Engineering and Applied Science</div>	Results for CS-4102-001, Floryan, Mark								
	Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
	43	4.49	0.63	24 (55.81%)	16 (37.21%)	3 (6.98%)	0 (0.00%)	0 (0.00%)	0 (0.00%)
	Results for SEAS, 4000-level courses								
	Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
2049	4.28	0.92	998 (48.71%)	680 (33.19%)	174 (8.49%)	76 (3.71%)	38 (1.85%)	83 (4.05%)	
<div>3. There was a reasonable level of effort expected for the credit hours received.</div> <div>~</div> <div>Question Type: Likert</div> <div>~</div> <div>contributed by Dean of the School of Engineering and Applied Science</div>	Results for CS-4102-001								
	Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
	43	4.42	0.85	26 (60.47%)	11 (25.58%)	4 (9.30%)	2 (4.65%)	0 (0.00%)	0 (0.00%)
	Results for SEAS, 4000-level courses								
	Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
1931	4.27	0.91	933 (48.32%)	744 (38.53%)	134 (6.94%)	74 (3.83%)	43 (2.23%)	3 (0.16%)	

~ QUESTIONS AND DETAILS ~

~ ANSWER MATRICES ~

4. The homework assignments helped me learn the subject matter.

Question Type: Likert

contributed by Dean of the School of Engineering and Applied Science

Results for CS-4102-001

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
43	4.56	0.73	29 (67.44%)	10 (23.26%)	3 (6.98%)	1 (2.33%)	0 (0.00%)	0 (0.00%)

Results for SEAS, 4000-level courses

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
1933	4.18	0.95	781 (40.40%)	641 (33.16%)	206 (10.66%)	74 (3.83%)	38 (1.97%)	193 (9.98%)

5. The textbook increased my understanding of the material.

Question Type: Likert

contributed by Dean of the School of Engineering and Applied Science

Results for CS-4102-001

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
43	3.63	0.99	11 (25.58%)	8 (18.60%)	18 (41.86%)	4 (9.30%)	0 (0.00%)	2 (4.65%)

Results for SEAS, 4000-level courses

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
1927	3.84	1.08	380 (19.72%)	373 (19.36%)	257 (13.34%)	94 (4.88%)	39 (2.02%)	784 (40.69%)

6. 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-4102-001, Floryan, Mark

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
42	4.60	0.63	28 (66.67%)	11 (26.19%)	3 (7.14%)	0 (0.00%)	0 (0.00%)	0 (0.00%)

Results for SEAS, 4000-level courses

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
2040	4.21	0.92	888 (43.53%)	767 (37.60%)	199 (9.75%)	74 (3.63%)	40 (1.96%)	72 (3.53%)

7. The instructor was knowledgeable about the subject matter.

Question Type: Likert

contributed by Dean of the School of Engineering and Applied Science

Results for CS-4102-001, Floryan, Mark

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
43	4.79	0.47	35 (81.40%)	7 (16.28%)	1 (2.33%)	0 (0.00%)	0 (0.00%)	0 (0.00%)

Results for SEAS, 4000-level courses

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
2048	4.61	0.66	1365 (66.65%)	544 (26.56%)	70 (3.42%)	22 (1.07%)	11 (0.54%)	36 (1.76%)

8. The instructor was well prepared for class.

Question Type: Likert

contributed by Dean of the School of Engineering and Applied Science

Results for CS-4102-001, Floryan, Mark

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
43	4.67	0.52	30 (69.77%)	12 (27.91%)	1 (2.33%)	0 (0.00%)	0 (0.00%)	0 (0.00%)

Results for SEAS, 4000-level courses

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
2045	4.44	0.78	1131 (55.31%)	670 (32.76%)	119 (5.82%)	42 (2.05%)	20 (0.98%)	63 (3.08%)

~ QUESTIONS AND DETAILS ~

~ ANSWER MATRICES ~

9. I received adequate preparation from the prior courses in the curriculum to be successful in this course.

Question Type: Likert

contributed by Dean of the School of Engineering and Applied Science

Results for CS-4102-001

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
43	4.21	0.84	18 (41.86%)	17 (39.53%)	5 (11.63%)	2 (4.65%)	0 (0.00%)	1 (2.33%)

Results for SEAS, 4000-level courses

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
1929	4.10	0.97	748 (38.78%)	740 (38.36%)	232 (12.03%)	105 (5.44%)	42 (2.18%)	62 (3.21%)

10. The grading policy was fair.

Question Type: Likert

contributed by Dean of the School of Engineering and Applied Science

Results for CS-4102-001, Floryan, Mark

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
42	4.29	0.75	19 (45.24%)	15 (35.71%)	7 (16.67%)	0 (0.00%)	0 (0.00%)	1 (2.38%)

Results for SEAS, 4000-level courses

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
2045	4.26	0.90	946 (46.26%)	754 (36.87%)	186 (9.10%)	58 (2.84%)	43 (2.10%)	58 (2.84%)

11. The instructor responded adequately to in-class questions.

Question Type: Likert

contributed by Dean of the School of Engineering and Applied Science

Results for CS-4102-001, Floryan, Mark

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
43	4.63	0.58	29 (67.44%)	12 (27.91%)	2 (4.65%)	0 (0.00%)	0 (0.00%)	0 (0.00%)

Results for SEAS, 4000-level courses

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
2044	4.42	0.79	1108 (54.21%)	699 (34.20%)	113 (5.53%)	44 (2.15%)	23 (1.13%)	57 (2.79%)

12. The instructor effectively used technology in support of the learning goals for this course.

Question Type: Likert

contributed by Dean of the School of Engineering and Applied Science

Results for CS-4102-001, Floryan, Mark

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
42	4.57	0.59	26 (61.90%)	14 (33.33%)	2 (4.76%)	0 (0.00%)	0 (0.00%)	0 (0.00%)

Results for SEAS, 4000-level courses

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
2045	4.34	0.83	984 (48.12%)	748 (36.58%)	139 (6.80%)	44 (2.15%)	30 (1.47%)	100 (4.89%)

13. 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-4102-001

Total	Less than 1 (NA)	1 - 3 (NA)	4 - 6 (NA)	7 - 9 (NA)	10 or more (NA)
43	0 (0.00%)	7 (16.28%)	16 (37.21%)	15 (34.88%)	5 (11.63%)

Results for SEAS, 4000-level courses

Total	Less than 1 (NA)	1 - 3 (NA)	4 - 6 (NA)	7 - 9 (NA)	10 or more (NA)
1934	88 (4.55%)	645 (33.35%)	759 (39.25%)	269 (13.91%)	173 (8.95%)

~ QUESTIONS AND DETAILS ~

~ ANSWER MATRICES ~

14. I learned a great deal in this course.

Question Type: Likert

contributed by Office of the Provost

Results for CS-4102-001

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)
43	4.67	0.61	32 (74.42%)	8 (18.60%)	3 (6.98%)	0 (0.00%)	0 (0.00%)

Results for SEAS, 4000-level courses

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)
1925	4.30	0.90	981 (50.96%)	683 (35.48%)	166 (8.62%)	52 (2.70%)	43 (2.23%)

15. Overall, this was a worthwhile course.

Question Type: Likert

contributed by Office of the Provost

Results for CS-4102-001

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)
43	4.65	0.57	30 (69.77%)	11 (25.58%)	2 (4.65%)	0 (0.00%)	0 (0.00%)

Results for SEAS, 4000-level courses

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)
1925	4.32	0.93	1037 (53.87%)	641 (33.30%)	131 (6.81%)	66 (3.43%)	50 (2.60%)

16. 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-4102-001, Floryan, Mark

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)
43	4.65	0.53	29 (67.44%)	13 (30.23%)	1 (2.33%)	0 (0.00%)	0 (0.00%)

Results for SEAS, 4000-level courses

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)
2042	4.41	0.76	1071 (52.45%)	807 (39.52%)	109 (5.34%)	32 (1.57%)	23 (1.13%)

17. 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-4102-001, Floryan, Mark

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)
43	4.67	0.52	30 (69.77%)	12 (27.91%)	1 (2.33%)	0 (0.00%)	0 (0.00%)

Results for SEAS, 4000-level courses

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)
2043	4.43	0.79	1167 (57.12%)	668 (32.70%)	156 (7.64%)	26 (1.27%)	26 (1.27%)

18. Overall, the instructor was an effective teacher.

Question Type: Likert

contributed by Office of the Provost

Results for CS-4102-001, Floryan, Mark

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)
43	4.79	0.47	35 (81.40%)	7 (16.28%)	1 (2.33%)	0 (0.00%)	0 (0.00%)

Results for SEAS, 4000-level courses

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)
2053	4.37	0.85	1112 (54.16%)	715 (34.83%)	147 (7.16%)	41 (2.00%)	38 (1.85%)

~ QUESTIONS AND DETAILS ~

~ ANSWER MATRICES ~

19. Please make any overall comments or observations about this course:~
Question Type: Short Answer~
*contributed by Office of the Provost***Results for CS-4102-001**

Total	Individual Answers
23	<i>See below for Individual Results</i>

Professor Floryan presents difficult material in a straightforward manner

Definitely the most challenging and most rewarding courses I have ever taken at UVA. I probably spent the most hours studying for this class than any other class I have taken. Professor Floryan is chill though, which makes the class a lot more bearable.

Professor Floryan was one of the best professors I've had at UVA. He really cares about his students and was particularly helpful in office hours. Sadly, he thought that our class was too quiet but we all loved him! I hope to take another class with him in the future.

One of the best classes that I have taken so far in my academic career. The professor was one of the best professors that I have had so far. Explains material very well, is a very approachable and funny person, and is in general a great professor. The material itself can be difficult, but I can definitely say that I learned A LOT of stuff this semester that I can tell will be helpful in the future.

Great professor. I hope that Professor Floryan becomes a permanent addition to UVA's CS Dept.

There was a fairly good mix of theory and application in this course.

Prof. Floryan is fantastic and refreshing. He is very enthusiastic about the subject matter as well as teaching in general. I believe he cares very much about wanting to push the students to learn and to grow intellectually, and that alone sets Prof. Floryan as an outstanding Professor. I am glad that I had the opportunity to interact and to learn from him.

Floryan is a wonderful teacher.

I found it a bit annoying that some of Horton slides said you do not need to learn this. I feel like the material need to be the same for both classes

This class was one of the most educational courses I've taken so far. Floryan was awesome.

Floryan is far and away the best CS professor I have had at UVA. Very approachable guy and a great teacher. As far as the course itself goes, it was very difficult and required an annoying amount of work but I certainly did learn a lot. As someone who dropped the course last semester, I cannot stress enough to future students how important finding a good, consistent study/HW group is.

Very challenging but great class

Algorithms was a good course, and it was difficult as expected. The homework grading scheme this semester was a bad idea, and basing the curve off of it is a worse one. I learned a lot, though, and Floryan was a great teacher.

Professor Floryan's lectures are very clear and easy to understand! He is great at explaining the concepts. Professor Floryan is also a dedicated teacher who takes extra time after class and during office hours to help his students!

My only complaint with the class is that with the tests (atleast the first two) it would have been nice to have them either easier/shorter or have more time for them because I felt I knew the material pretty well but with only 50 minutes I didn't have enough time to adequately think out and respond well to the questions. If I had even 20 more minutes my score would have been alot higher on the exams I believe, so it was just a bit disheartening to know that even though I learned everything, my programming skills were being evaluated in such a time crunch.

Nice course.

Overall a very good course with a fair amount of work. Some of the written assignments were unnecessarily difficult or involved. I also didn't really get too much out of the programming assignments. Professor Floryan was a great teacher and was very easy to talk to.

This course was everything I'd hoped for. The programming assignments were a little easy though.

This is an incredibly difficult class, but the instructors and TAs do their best to make sure that all students are given the most help possible.

Great Teacher, Great Course.

This was a great course. It will be one of only 6 total CS courses I will take, and it greatly increased my CS knowledge and expanded my tool kit. Prof. Floryan was a great professor. This course definitely takes a lot of work, but it is very worthwhile

Great, effective professor - a nice guy too. Can't think of anything else to change about this course, although one of the assignments (programming 5) was virtually impossible.

*~ QUESTIONS AND DETAILS ~**~ ANSWER MATRICES ~*

I had a great semester! I really enjoyed the course. Professor Floryan was consistently funny and effective as a teacher, and I thoroughly enjoyed his class.