CS 2501-004 **Spec Topic: Computer Science** - Spring 2019

ENGR (18949)

INSTRUCTORS: **Tychonievich, Luther (lat7h)**

Respondents: 21 / Enrollment: 43

Summary: CS 2501-004 Spec Topic: Computer Science - Spring 2019 (18949)

Overall Course Rating

CS-2501-004 Mean 4.48
CS-2501-004 Std Dev 0.81
CS-2501-004 Response Count 105

SEAS, 2000-level courses Mean 4.05
SEAS, 2000-level courses Std Dev 1.01
SEAS, 2000-level courses Response Count 18076

Overall Instructor Rating

INSTRUCTOR: Tychonievich, Luther
  Mean 4.78
  Std Dev 0.43
  Response Count 147

  SEAS, 2000-level courses Mean 4.27
  SEAS, 2000-level courses Std Dev 0.89
  SEAS, 2000-level courses Response Count 26519

~ QUESTIONS AND DETAILS ~	*~ ANSWER MATRICES ~*

1. The course addressed technically rigorous subject matter consistent with the course objectives.
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Question Type: Likert
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contributed by Dean of the School of Engineering and Applied Science

Results for CS-2501-004

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
21	4.86	0.36	18 (85.71%)	3 (14.29%)	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)
3616	4.39	0.71	1780 (49.23%)	1555 (43.00%)	187 (5.17%)	57 (1.58%)	21 (0.58%)	16 (0.44%)

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.
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Question Type: Likert
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contributed by Dean of the School of Engineering and Applied Science

Results for CS-2501-004, Tychonievich, Luther

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
21	4.76	0.44	16 (76.19%)	5 (23.81%)	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)
3795	4.08	1.01	1507 (39.71%)	1384 (36.47%)	451 (11.88%)	229 (6.03%)	96 (2.53%)	128 (3.37%)

3. There was a reasonable level of effort expected for the credit hours received.
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Question Type: Likert
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contributed by Dean of the School of Engineering and Applied Science

Results for CS-2501-004

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
21	4.19	0.93	9 (42.86%)	9 (42.86%)	1 (4.76%)	2 (9.52%)	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)
3621	4.08	1.04	1409 (38.91%)	1576 (43.52%)	257 (7.10%)	200 (5.52%)	160 (4.42%)	19 (0.52%)

~ QUESTIONS AND DETAILS ~	~ ANSWER MATRICES ~

4. The homework assignments helped me learn the subject matter.
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Question Type: Likert
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contributed by Dean of the School of Engineering and Applied Science

Results for CS-2501-004

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
21	4.71	0.46	15 (71.43%)	6 (28.57%)	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)
3619	4.20	0.93	1509 (41.70%)	1378 (38.08%)	305 (8.43%)	146 (4.03%)	74 (2.04%)	207 (5.72%)

5. The textbook increased my understanding of the material.
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Question Type: Likert
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contributed by Dean of the School of Engineering and Applied Science

Results for CS-2501-004

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
21	4.18	0.87	5 (23.81%)	3 (14.29%)	3 (14.29%)	0 (0.00%)	0 (0.00%)	10 (47.62%)

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)
3616	3.52	1.15	570 (15.76%)	792 (21.90%)	701 (19.39%)	312 (8.63%)	155 (4.29%)	1086 (30.03%)

6. The course material was well organized and developed.
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Question Type: Likert
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contributed by Dean of the School of Engineering and Applied Science

Results for CS-2501-004, Tychonievich, Luther

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
21	4.57	0.51	12 (57.14%)	9 (42.86%)	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)
3784	4.10	0.97	1459 (38.56%)	1549 (40.94%)	391 (10.33%)	209 (5.52%)	91 (2.40%)	85 (2.25%)

7. The instructor was knowledgeable about the subject matter.
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Question Type: Likert
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contributed by Dean of the School of Engineering and Applied Science

Results for CS-2501-004, Tychonievich, Luther

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
21	5.00	0.00	21 (100.00%)	0 (0.00%)	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)
3791	4.53	0.72	2299 (60.64%)	1128 (29.75%)	170 (4.48%)	46 (1.21%)	33 (0.87%)	115 (3.03%)

8. The instructor was well prepared for class.
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Question Type: Likert
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contributed by Dean of the School of Engineering and Applied Science

Results for CS-2501-004, Tychonievich, Luther

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
21	4.76	0.44	16 (76.19%)	5 (23.81%)	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)
3787	4.36	0.84	1945 (51.36%)	1308 (34.54%)	262 (6.92%)	86 (2.27%)	60 (1.58%)	126 (3.33%)

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~ QUESTIONS AND DETAILS ~	~ ANSWER MATRICES ~

9. I received adequate preparation from the prior courses in the curriculum to be successful in this course.
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Question Type: Likert
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contributed by Dean of the School of Engineering and Applied Science

Results for CS-2501-004

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
21	4.33	1.06	12 (57.14%)	7 (33.33%)	0 (0.00%)	1 (4.76%)	1 (4.76%)	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)
3604	3.91	1.02	1008 (27.97%)	1392 (38.62%)	512 (14.21%)	237 (6.58%)	104 (2.89%)	351 (9.74%)

10. The grading policy was fair.
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Question Type: Likert
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contributed by Dean of the School of Engineering and Applied Science

Results for CS-2501-004, Tychonievich, Luther

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
21	4.57	0.60	13 (61.90%)	7 (33.33%)	1 (4.76%)	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)
3788	4.17	0.92	1555 (41.05%)	1541 (40.68%)	365 (9.64%)	186 (4.91%)	62 (1.64%)	79 (2.09%)

11. The instructor responded adequately to in-class questions.
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Question Type: Likert
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contributed by Dean of the School of Engineering and Applied Science

Results for CS-2501-004, Tychonievich, Luther

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
21	4.90	0.30	19 (90.48%)	2 (9.52%)	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)
3787	4.34	0.84	1851 (48.88%)	1396 (36.86%)	243 (6.42%)	113 (2.98%)	50 (1.32%)	134 (3.54%)

12. The instructor effectively used technology in support of the learning goals for this course.
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Question Type: Likert
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contributed by Dean of the School of Engineering and Applied Science

Results for CS-2501-004, Tychonievich, Luther

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
21	4.86	0.36	18 (85.71%)	3 (14.29%)	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)
3787	4.29	0.84	1709 (45.13%)	1473 (38.90%)	320 (8.45%)	103 (2.72%)	45 (1.19%)	137 (3.62%)

13. The average number of hours per week I spent outside of class preparing for this course was:
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Question Type: Multiple Choice
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contributed by Office of the Provost

Results for CS-2501-004

Total	Less than 1 (NA)	1 - 3 (NA)	4 - 6 (NA)	7 - 9 (NA)	10 or more (NA)
21	1 (4.76%)	4 (19.05%)	8 (38.10%)	5 (23.81%)	3 (14.29%)

Results for SEAS, 2000-level courses

Total	Less than 1 (NA)	1 - 3 (NA)	4 - 6 (NA)	7 - 9 (NA)	10 or more (NA)
3619	232 (6.41%)	1175 (32.47%)	1285 (35.51%)	536 (14.81%)	391 (10.80%)

~ QUESTIONS AND DETAILS ~	~ ANSWER MATRICES ~

14. I learned a great deal in this course.
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Question Type: Likert
~
contributed by Office of the Provost

Results for CS-2501-004

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)
19	4.79	0.71	17 (89.47%)	1 (5.26%)	0 (0.00%)	1 (5.26%)	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)
3608	4.20	0.91	1571 (43.54%)	1480 (41.02%)	339 (9.40%)	146 (4.05%)	72 (2.00%)

15. Overall, this was a worthwhile course.
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Question Type: Likert
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contributed by Office of the Provost

Results for CS-2501-004

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)
21	4.71	0.56	16 (76.19%)	4 (19.05%)	1 (4.76%)	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)
3598	4.13	0.99	1543 (42.88%)	1379 (38.33%)	395 (10.98%)	178 (4.95%)	103 (2.86%)

16. The course's goals and requirements were defined and adhered to by the instructor.
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Question Type: Likert
~
contributed by Office of the Provost

Results for CS-2501-004, Tychonievich, Luther

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)
21	4.67	0.48	14 (66.67%)	7 (33.33%)	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)
3782	4.31	0.80	1760 (46.54%)	1627 (43.02%)	264 (6.98%)	86 (2.27%)	45 (1.19%)

17. The instructor was approachable and made himself/herself available to students outside the classroom.
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Question Type: Likert
~
contributed by Office of the Provost

Results for CS-2501-004, Tychonievich, Luther

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)
21	4.76	0.44	16 (76.19%)	5 (23.81%)	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)
3785	4.29	0.85	1844 (48.72%)	1396 (36.88%)	406 (10.73%)	83 (2.19%)	56 (1.48%)

18. Overall, the instructor was an effective teacher.
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Question Type: Likert
~
contributed by Office of the Provost

Results for CS-2501-004, Tychonievich, Luther

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)
21	4.81	0.40	17 (80.95%)	4 (19.05%)	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)
3793	4.18	0.98	1722 (45.40%)	1388 (36.59%)	416 (10.97%)	159 (4.19%)	108 (2.85%)

~ QUESTIONS AND DETAILS ~	~ ANSWER MATRICES ~

19. Please make any overall comments or observations about this course:
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Question Type: Short Answer
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contributed by Office of the Provost

Results for CS-2501-004	
Total	Individual Answers
12	*See below for Individual Results*

Hard class but handled very well by Professor Tychonievich. Thank you.

This was an excellent, if fairly difficult course, and professor tychonievich was my best professor this semester.

There was again a disconnect in understanding how long some assignments would take, specifically regarding some of the earlier programming assignments compared to some of the later ones. However, lectures were very insightful, although the tests were much more difficult than anticipated and the exam wrappers were very much appreciated.

This class has been one of the best classes I have taken at UVa, and probably will ever take at this institution. The course content was designed as a narrative storyline with a cumulative wrap up in the end. The live drawings, extremely knowledgeable lectures and dialogues being passed around the classroom was absolutely astounding. The HW assignments were thorough in their ability to both teach and discern ability and grow my skills as a Computer Scientist. I am quite sad to see COA come to a close, and I hope to be under your tutelage once again.

Great

In all likelihood the most important and best computer science course I have ever taken. Tychonievich is an awesome and brilliant professor who is witty, encouraging and very hard but fair. His assignments are difficult at times but they are always great learning experiences. He is willing to make extensions on assignments if the class is struggling because he views it as his responsibility we learn as long as we are giving it our best effort.

Overall, I thought this course was worthwhile - I learned a lot and I feel well-prepared going into the upper-level CS classes. I liked how this course included some topics from Operating Systems so that we can know what to expect when we take the actual course. Some of the assignments were definitely time-consuming and more difficult than others, but I liked have these because I learned the most from them.

Probably one of my favorite classes so far, the amount of work was pretty high, but the payoff is massive. Looking at where we are at the end of this year compared to end of last semester, I'm really happy I took this course. I never felt like I was strong in the subject matter, but going to office hours was very helpful. He has a great personality, and anyone in CS should put him at the top of the list when choosing sections in my opinion.

This is and COA 1 were the best classes I've had so far at UVA. Absolutely fantastic and honestly not much to change in terms of piloting. I think it would be great to have a lab for COA2 as they would probably be helpful. However, as far as the actual class went, it was an extremely useful, rigorous, and well-taught class.

This course was incredibly more difficult for me than COA 1, though I know this wasn't the case for everyone. The quizzes were pretty frustrating since it felt like to a certain point it was impossible to do well on them. Some of the PAs were unreasonably hard. The way the material was assessed on the exams made it very difficult to feel sure about any answer regardless of preparation (which I found out doing the exam wrappers and still struggled to find the correct answer). COA 1 I do not think prepared me for the transition.

Luther Tychonievich is an incredibly talented professor

Really enjoyed my time in this class.