

CS 2910-001 CS Education Practicum - Spring 2017

ENGR (20521)

INSTRUCTORS: Tychonievich, Luther (1at7h)

Respondents: 31 / Enrollment: 50

Summary: CS 2910-001 CS Education Practicum - Spring 2017 (20521)	
Overall Course Rating CS-2910-001 Mean 4.49 CS-2910-001 Std Dev 0.81 CS-2910-001 Response Count 155 SEAS, 2000-level courses Mean 4.01 SEAS, 2000-level courses Std Dev 1.04 SEAS, 2000-level courses Response Count 20529	Overall Instructor Rating INSTRUCTOR: Tychonievich, Luther Mean 4.78 Std Dev 0.52 Response Count 216 SEAS, 2000-level courses Mean 4.29 SEAS, 2000-level courses Std Dev 0.86 SEAS, 2000-level courses Response Count 31834

~ QUESTIONS AND DETAILS ~ ~ ANSWER MATRICES ~

<p>1. The course addressed technically rigorous subject matter consistent with the course objectives.</p> <p style="text-align: center;">~ Question Type: Likert ~ <i>contributed by Dean of the School of Engineering and Applied Science</i></p>	<table border="1"> <thead> <tr> <th colspan="9">Results for CS-2910-001</th> </tr> <tr> <th>Total</th> <th>Mean</th> <th>Std Dev</th> <th>Strongly Agree (5)</th> <th>Agree (4)</th> <th>Neutral (3)</th> <th>Disagree (2)</th> <th>Strongly Disagree (1)</th> <th>Not Applicable (NA)</th> </tr> </thead> <tbody> <tr> <td>31</td> <td>4.47</td> <td>0.73</td> <td>18 (58.06%)</td> <td>8 (25.81%)</td> <td>4 (12.90%)</td> <td>0 (0.00%)</td> <td>0 (0.00%)</td> <td>1 (3.23%)</td> </tr> </tbody> </table> <table border="1"> <thead> <tr> <th colspan="9">Results for SEAS, 2000-level courses</th> </tr> <tr> <th>Total</th> <th>Mean</th> <th>Std Dev</th> <th>Strongly Agree (5)</th> <th>Agree (4)</th> <th>Neutral (3)</th> <th>Disagree (2)</th> <th>Strongly Disagree (1)</th> <th>Not Applicable (NA)</th> </tr> </thead> <tbody> <tr> <td>4105</td> <td>4.37</td> <td>0.74</td> <td>1992 (48.53%)</td> <td>1723 (41.97%)</td> <td>262 (6.38%)</td> <td>77 (1.88%)</td> <td>23 (0.56%)</td> <td>28 (0.68%)</td> </tr> </tbody> </table>	Results for CS-2910-001									Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)	31	4.47	0.73	18 (58.06%)	8 (25.81%)	4 (12.90%)	0 (0.00%)	0 (0.00%)	1 (3.23%)	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)	4105	4.37	0.74	1992 (48.53%)	1723 (41.97%)	262 (6.38%)	77 (1.88%)	23 (0.56%)	28 (0.68%)
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<p>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.</p> <p style="text-align: center;">~ Question Type: Likert ~ <i>contributed by Dean of the School of Engineering and Applied Science</i></p>	<table border="1"> <thead> <tr> <th colspan="9">Results for CS-2910-001, Tychonievich, Luther</th> </tr> <tr> <th>Total</th> <th>Mean</th> <th>Std Dev</th> <th>Strongly Agree (5)</th> <th>Agree (4)</th> <th>Neutral (3)</th> <th>Disagree (2)</th> <th>Strongly Disagree (1)</th> <th>Not Applicable (NA)</th> </tr> </thead> <tbody> <tr> <td>31</td> <td>4.79</td> <td>0.50</td> <td>23 (74.19%)</td> <td>4 (12.90%)</td> <td>1 (3.23%)</td> <td>0 (0.00%)</td> <td>0 (0.00%)</td> <td>3 (9.68%)</td> </tr> </tbody> </table> <table border="1"> <thead> <tr> <th colspan="9">Results for SEAS, 2000-level courses</th> </tr> <tr> <th>Total</th> <th>Mean</th> <th>Std Dev</th> <th>Strongly Agree (5)</th> <th>Agree (4)</th> <th>Neutral (3)</th> <th>Disagree (2)</th> <th>Strongly Disagree (1)</th> <th>Not Applicable (NA)</th> </tr> </thead> <tbody> <tr> <td>4561</td> <td>4.16</td> <td>0.96</td> <td>1912 (41.92%)</td> <td>1735 (38.04%)</td> <td>447 (9.80%)</td> <td>241 (5.28%)</td> <td>96 (2.10%)</td> <td>130 (2.85%)</td> </tr> </tbody> </table>	Results for CS-2910-001, Tychonievich, Luther									Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)	31	4.79	0.50	23 (74.19%)	4 (12.90%)	1 (3.23%)	0 (0.00%)	0 (0.00%)	3 (9.68%)	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)	4561	4.16	0.96	1912 (41.92%)	1735 (38.04%)	447 (9.80%)	241 (5.28%)	96 (2.10%)	130 (2.85%)
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<p>3. There was a reasonable level of effort expected for the credit hours received.</p> <p style="text-align: center;">~ Question Type: Likert ~ <i>contributed by Dean of the School of Engineering and Applied Science</i></p>	<table border="1"> <thead> <tr> <th colspan="9">Results for CS-2910-001</th> </tr> <tr> <th>Total</th> <th>Mean</th> <th>Std Dev</th> <th>Strongly Agree (5)</th> <th>Agree (4)</th> <th>Neutral (3)</th> <th>Disagree (2)</th> <th>Strongly Disagree (1)</th> <th>Not Applicable (NA)</th> </tr> </thead> <tbody> <tr> <td>31</td> <td>4.37</td> <td>0.96</td> <td>18 (58.06%)</td> <td>7 (22.58%)</td> <td>4 (12.90%)</td> <td>0 (0.00%)</td> <td>1 (3.23%)</td> <td>1 (3.23%)</td> </tr> </tbody> </table> <table border="1"> <thead> <tr> <th colspan="9">Results for SEAS, 2000-level courses</th> </tr> <tr> <th>Total</th> <th>Mean</th> <th>Std Dev</th> <th>Strongly Agree (5)</th> <th>Agree (4)</th> <th>Neutral (3)</th> <th>Disagree (2)</th> <th>Strongly Disagree (1)</th> <th>Not Applicable (NA)</th> </tr> </thead> <tbody> <tr> <td>4114</td> <td>4.10</td> <td>1.01</td> <td>1658 (40.30%)</td> <td>1707 (41.49%)</td> <td>322 (7.83%)</td> <td>280 (6.81%)</td> <td>128 (3.11%)</td> <td>19 (0.46%)</td> </tr> </tbody> </table>	Results for CS-2910-001									Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)	31	4.37	0.96	18 (58.06%)	7 (22.58%)	4 (12.90%)	0 (0.00%)	1 (3.23%)	1 (3.23%)	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)	4114	4.10	1.01	1658 (40.30%)	1707 (41.49%)	322 (7.83%)	280 (6.81%)	128 (3.11%)	19 (0.46%)
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~ 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-2910-001								
Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
31	4.45	0.82	7 (22.58%)	2 (6.45%)	2 (6.45%)	0 (0.00%)	0 (0.00%)	20 (64.52%)

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)
4102	4.13	0.95	1611 (39.27%)	1555 (37.91%)	457 (11.14%)	202 (4.92%)	80 (1.95%)	197 (4.80%)

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-2910-001								
Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
31	4.75	0.71	7 (22.58%)	0 (0.00%)	1 (3.23%)	0 (0.00%)	0 (0.00%)	23 (74.19%)

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)
4109	3.49	1.20	650 (15.82%)	894 (21.76%)	684 (16.65%)	374 (9.10%)	221 (5.38%)	1286 (31.30%)

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-2910-001, Tychonievich, Luther								
Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
31	4.81	0.48	26 (83.87%)	4 (12.90%)	1 (3.23%)	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)
4535	4.09	0.96	1730 (38.15%)	1866 (41.15%)	500 (11.03%)	254 (5.60%)	103 (2.27%)	82 (1.81%)

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-2910-001, Tychonievich, Luther								
Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
31	4.81	0.54	27 (87.10%)	2 (6.45%)	2 (6.45%)	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)
4551	4.56	0.67	2836 (62.32%)	1365 (29.99%)	176 (3.87%)	37 (0.81%)	26 (0.57%)	111 (2.44%)

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-2910-001, Tychonievich, Luther								
Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
31	4.87	0.43	28 (90.32%)	2 (6.45%)	1 (3.23%)	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)
4550	4.42	0.77	2416 (53.10%)	1620 (35.60%)	273 (6.00%)	86 (1.89%)	42 (0.92%)	113 (2.48%)

~ 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-2910-001								
Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
31	4.67	0.69	14 (45.16%)	2 (6.45%)	2 (6.45%)	0 (0.00%)	0 (0.00%)	13 (41.94%)

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)
4099	3.80	1.09	1041 (25.40%)	1389 (33.89%)	648 (15.81%)	314 (7.66%)	154 (3.76%)	553 (13.49%)

10. The grading policy was fair.

Question Type: Likert

contributed by Dean of the School of Engineering and Applied Science

Results for CS-2910-001, Tychonievich, Luther								
Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
31	4.69	0.60	22 (70.97%)	5 (16.13%)	2 (6.45%)	0 (0.00%)	0 (0.00%)	2 (6.45%)

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)
4551	4.15	0.89	1755 (38.56%)	1949 (42.83%)	504 (11.07%)	192 (4.22%)	66 (1.45%)	85 (1.87%)

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-2910-001, Tychonievich, Luther								
Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
31	4.81	0.48	26 (83.87%)	4 (12.90%)	1 (3.23%)	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)
4550	4.38	0.77	2272 (49.93%)	1759 (38.66%)	272 (5.98%)	84 (1.85%)	47 (1.03%)	116 (2.55%)

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-2910-001, Tychonievich, Luther								
Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
30	4.68	0.61	21 (70.00%)	5 (16.67%)	2 (6.67%)	0 (0.00%)	0 (0.00%)	2 (6.67%)

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)
4536	4.27	0.84	2019 (44.51%)	1799 (39.66%)	387 (8.53%)	136 (3.00%)	53 (1.17%)	142 (3.13%)

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-2910-001					
Total	Less than 1 (NA)	1 - 3 (NA)	4 - 6 (NA)	7 - 9 (NA)	10 or more (NA)
31	22 (70.97%)	7 (22.58%)	1 (3.23%)	0 (0.00%)	1 (3.23%)

Results for SEAS, 2000-level courses					
Total	Less than 1 (NA)	1 - 3 (NA)	4 - 6 (NA)	7 - 9 (NA)	10 or more (NA)
4111	350 (8.51%)	1186 (28.85%)	1536 (37.36%)	614 (14.94%)	425 (10.34%)

~ QUESTIONS AND DETAILS ~	~ ANSWER MATRICES ~																
<p>14. I learned a great deal in this course.</p> <p>~ Question Type: Likert ~ contributed by Office of the Provost</p>	Results for CS-2910-001																
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	Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)									
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4103	4.18	0.91	1750 (42.65%)	1673 (40.78%)	423 (10.31%)	188 (4.58%)	69 (1.68%)										
<p>15. Overall, this was a worthwhile course.</p> <p>~ Question Type: Likert ~ contributed by Office of the Provost</p>	Results for CS-2910-001																
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4103	4.13	0.97	1727 (42.09%)	1575 (38.39%)	492 (11.99%)	216 (5.26%)	93 (2.27%)										
<p>16. The course's goals and requirements were defined and adhered to by the instructor.</p> <p>~ Question Type: Likert ~ contributed by Office of the Provost</p>	Results for CS-2910-001, Tychonievich, Luther																
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	Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)									
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<p>17. The instructor was approachable and made himself/herself available to students outside the classroom.</p> <p>~ Question Type: Likert ~ contributed by Office of the Provost</p>	Results for CS-2910-001, Tychonievich, Luther																
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<p>18. Overall, the instructor was an effective teacher.</p> <p>~ Question Type: Likert ~ contributed by Office of the Provost</p>	Results for CS-2910-001, Tychonievich, Luther																
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~ 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-2910-001	
Total	Individual Answers
20	See below for Individual Results

Professor is a great guy

This is probably the class I learned the most in this semester.

I really like this course. Luther is always fun to listen to and it is nice to be able to relax in class because Luther isn't going to write an extremely hard exam like he did in Comp Arch.

This course was very beneficial to me becoming a better TA.

The instructor not only knows a lot in cs, but also in education

I really enjoyed this course. It seemed like Professor Tychonievich had a lot of fun teaching the course so it was fun to go to the class because it seemed like he was having fun too. I feel like I learned a lot about education and the science and philosophy behind the way we teach.

This course was useful and definitely helped me prepare to be a TA. Also, Professor Tychonievich can make any class fun and interesting.

N/A

I greatly enjoyed this seminar, and feel I took a lot away from it. Thanks!

I will say, that I got to know Professor Tychonievich a lot more taking this course, and even like him (specifically when he is not my professor for any course but this one). It was done well, the topics were interesting, and I value what I learned in this class.

While Professor Tychonievich taught this material very well, I'm not sure how necessary this course is. I believe that it's necessary to have some training in order to be a TA, but I don't really agree that it should take pay out of my paycheck. I think this should almost be a strongly encouraged class for no credit, as I still would've attended the lectures but would have loved to have been paid for those list 3 hours of work each week.

I loved this class and I learned so much!

This seminar was very informative and rewarding. You need to tenure-track Luther. He is amazing.

good class

Fun class for TAs.

I don't think this class is necessary for TA's. I actually think it was a means of limiting the pay of first time TA's.

Luther rocks! Course rocks! More undergraduate TA programs need a course like this!

Tychonievich is extremely knowledgeable, engaging, and an overall wonderful instructor.

As incendiary as this might sound, this class truly felt like a means to get free labor from CS students. Over the course of the semester, 3 required "free" hours of TA'ing per week works out to about \$400-\$500. While I found the lecture material interesting and useful, it was certainly not worth that amount of money to me, and it felt very shady to be required to give that much free labor in order to become a TA in the CS department. Again, I thought the classes themselves were interesting and not a waste of my time. The course material was very well thought-out, and each lecture was planned and executed very well. However, no other department that I know of requires students to put in up to 50 hours of free labor just so that you can become a TA in the department, and it felt like I was being taken advantage of.

Tychonievich makes this course super interesting by sparking interesting discussions and providing unique insight into the teaching theory. This course was worth the time invested!