## CS 2501-001 Spec Topic: Computer Science - Fall 2014

#### ENGR (22299)

INSTRUCTORS: Tychonievich, Luther (lat7h)

Respondents: 8 / Enrollment: 23

Overall Course Rating			Overall Instructor Rating							
CS-2501-001 Mean 4.04 CS-2501-001 Std Dev 0.89 CS-2501-001 Response Count 35			<i>INSTRUCTOR:</i> Tychonievich, Luther Mean 4.41 Std Dev 0.78 Response Count 48							
Difference from Category Mean, Expressed in Category Standard Deviations		-2 -1 0 1 2 Difference from Category Mean, Expressed in Category Standard Deviations 0.19								
SEAS, 2000-level courses Mean 4.07 SEAS, 2000-level courses Std Dev 0.98 SEAS, 2000-level courses Response Count 13331			SEAS, 2000-level courses Mean 4.24 SEAS, 2000-level courses Std Dev 0.89 SEAS, 2000-level courses Response Count 19687							
~ QUESTIONS AND DETAILS ~	~ ANSWER MATRICES ~									
1. The course addressed technically	Results for C	CS-2501-0	01							
rigorous subject matter consistent with	Total	Mean	Std Dev	Strongly	Agree	Neutral	Disagree	Strongly	Not	

# the course objectives.

Question Type: Likert

contributed by Dean of the School of Engineering and Applied Science

Results for	CS-2501-0	01						
Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
7	4.00	0.63	1 (14.29%)	4 (57.14%)	1 (14.29%)	0 (0.00%)	0 (0.00%)	1 (14.29%)

Results for	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)	
2670	4.40	0.71	1347 (50.45%)	1101 (41.24%)	157 (5.88%)	42 (1.57%)	12 (0.45%)	11 (0.41%)	

#### 2. The instructor used methods other than/in addition to traditional lectures (for example, active learning, in-class problems, collaborative learning, inclass discussion) effectively in this course.

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
7	4.57	0.79	5 (71.43%)	1 (14.29%)	1 (14.29%)	0 (0.00%)	0 (0.00%)	0 (0.00%)

contributed by Dean of the School of Eng and Applied Science

	Results for	SEAS, 200	0-level cour	ses					
gineering	Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
	2824	3.99	1.05	1049 (37.15%)	1022 (36.19%)	394 (13.95%)	214 (7.58%)	81 (2.87%)	64 (2.27%)
of effort	Results for	CS-2501-0	01						

Strongly Agree (5)

5 (7<u>1.43%</u>)

#### 3. There was a reasonable level of effort expected for the credit hours received.

#### Question Type: Likert

contributed by Dean of the School of Engineering and Applied Science

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)
2674	4.19	0.91	1111 (41.55%)	1168 (43.68%)	216 (8.08%)	112 (4.19%)	59 (2.21%)	8 (0.30%)

Agree (4)

1

(14.29%)

Disagree (2)

0

(0.00%)

Neutral

(3)

1

(14.29%)

Strongly Disagree (1)

0

(0.00%)

Not Applicable

(NA)

0

(0.00%)

Total

7

Mean

4.57

Std Dev

0.79

~ QUESTIONS AND DETAILS ~				~ ANS	WER MATR	ICES ~						
4. The homework assignments helped	Results for	CS-2501-0	001									
<b>me learn the subject matter.</b>	Total	Mean	Std Dev	Strongly Agree	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree	Not Applicabl			
contributed by Dean of the School of Engineering	7	3.80	1.10	(5) 2 (28.57%)	0 (0.00%)	3 (42.86%)	0 (0.00%)	(1) 0 (0.00%)	(NA) 2 (28.57%			
and Applied Science				1 \ 1	(0.0070)	(42.0070)	(0.0070)	(0.0070)	(20.5770			
			00-level cou		•	<b>N C</b>	D	0	<b>N</b> <i>1</i>			
	Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicab (NA)			
	2664	4.19	0.92	1115 (41.85%)	1048 (39.34%)	258 (9.68%)	110 (4.13%)	52 (1.95%)	81 (3.04%)			
5. The textbook increased my	Results for	· CS-2501-(	001									
understanding of the material. $$	Total	Mean	Std Dev	Strongly Agree	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree	Not Applicab			
Question Type: Likert	7	2.67	1 1 5	(5)			0	(1)	(NA)			
contributed by Dean of the School of Engineering and Applied Science	7	3.67	1.15	1 (14.29%)	0 (0.00%)	2 (28.57%)	(0.00%)	(0.00%)	4 (57.14%			
	Results for	Results for SEAS, 2000-level courses										
	Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicab (NA)			
	2664	3.50	1.21	506 (18.99%)	703 (26.39%)	499 (18.73%)	298 (11.19%)	168 (6.31%)	490 (18.39%			
6. The course material was well	Deculto for	00 0504	004 Tuchan	iovich Ivila								
organized and developed.	Total	Mean	Std Dev	ievich, Luthe Strongly	Agree	Neutral	Disagree	Strongly	Not			
Question Type: Likert	Total	Wearr	Old Dev	Agree (5)	(4)	(3)	(2)	Disagree (1)	Applicat (NA)			
contributed by Dean of the School of Engineering and Applied Science	6	4.17	0.98	3 (50.00%)	1 (16.67%)	2 (33.33%)	0 (0.00%)	0 (0.00%)	0 (0.00%			
	Results for	- SEAS, 20	00-level cou	rses								
	Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicab (NA)			
	2797	4.11	0.97	1129 (40.36%)	1061 (37.93%)	361 (12.91%)	147 (5.26%)	61 (2.18%)	38 (1.36%			
7. The instructor was knowledgeable	Results for	CS-2501-	01 Tychon	ievich, Luthe	۲							
about the subject matter.	Total	Mean	Std Dev	Strongly Agree	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree	Not Applicab			
contributed by Dean of the School of Engineering and Applied Science	7	4.43	0.79	(5) 4 (57.14%)	2 (28.57%)	1 (14.29%)	0 (0.00%)	(1) 0 (0.00%)	(NA) 0 (0.00%			
una Applica Science	-		· 									
			00-level cou		Agree	Neutral	Disagras	Strongly	Nlot			
	Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	(3)	Disagree (2)	Strongly Disagree (1)	Not Applicab (NA)			
	2815	4.54	0.71	1761 (62.56%)	821 (29.17%)	135 (4.80%)	32 (1.14%)	20 (0.71%)	46 (1.63%			
8. The instructor was well prepared for	Results for	CS-2501-0	001. Tychon	ievich, Luthe	er							
class.	Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree	Not Applicat			
Question Type: Likert <i>contributed by Dean of the School of Engineering</i>	7	4.43	0.79	4	2	1	0	(1)	(NA) 0			
and Applied Science				(57.14%)	(28.57%)	(14.29%)	(0.00%)	(0.00%)	(0.00%			
	Results for	SEAS, 20	00-level cou									
	Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicab (NA)			
	2814	4.40	0.76	1475 (52.42%)	1015 (36.07%)	204 (7.25%)	50 (1.78%)	20 (0.71%)	50 (1.78%)			

### CS 2501-001 Spec Topic: Computer Science - Fall 2014

~ QUESTIONS AND DETAILS ~				~ ANS	WER MATR	PICES ~			
9. I received adequate preparation from	Results for	CS-250	01-001						
the prior courses in the curriculum to be successful in this course.	Total	Mea	n Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
Question Type: Likert	7	3.75	5 0.96	1 (14.29%)	1 (14.29%)	2 (28.57%)	0 (0.00%)	0 (0.00%)	3 (42.86%)
contributed by Dean of the School of Engineering and Applied Science						- · · ·	, , ,		
		-	2000-level cou		<b>A</b>	Nesstaal	Discourse	Otras a stra	NI-4
	Total	Mea	n Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
	2659	3.98	3 0.93	716 (26.93%)	981 (36.89%)	413 (15.53%)	117 (4.40%)	39 (1.47%)	393 (14.78%)
10. The grading policy was fair.	Results for	CS-25	01-001, Tychon	ievich, Luthe	er				
Question Type: Likert	Total	Mea	n Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
contributed by Dean of the School of Engineering and Applied Science	7	4.40	0.89	(3) (42.86%)	1 (14.29%)	1 (14.29%)	0 (0.00%)	0 (0.00%)	2 (28.57%)
	Results for	SEAS	2000-level cou	rses					
	Total	Mea		Strongly	Agree	Neutral	Disagree	Strongly	Not
				Agree (5)	(4)	(3)	(2)	Disagree (1)	Applicable (NA)
	2813	4.17	0.85	1101 (39.14%)	1218 (43.30%)	307 (10.91%)	123 (4.37%)	22 (0.78%)	42 (1.49%)
11. The instructor responded	Results for	CS-25	01-001, Tychon	ievich, Luthe	er				
adequately to in-class questions. Question Type: Likert	Total	Mea	n Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
contributed by Dean of the School of Engineering and Applied Science	7	4.43	3 0.79	4 (57.14%)	2 (28.57%)	1 (14.29%)	0 (0.00%)	0 (0.00%)	0 (0.00%)
	Deculto for	SEAS	2000-level cou	r000					
	Total	Mea		Strongly Agree	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree	Not Applicable
	2809	4.31	0.83	(5) 1340 (47.70%)	1074 (38.23%)	222 (7.90%)	91 (3.24%)	(1) 28 (1.00%)	(NA) 54 (1.92%)
12. The instructor effectively used	Desulta for	00.05	01-001, Tychon	iouiolo Iudha					
technology in support of the learning	Total	Mea		Strongly	Agree	Neutral	Disagree	Strongly	Not
goals for this course.				Agree (5)	(4)	(3)	(2)	Disagree (1)	Applicable (NA)
contributed by Dean of the School of Engineering	7	4.43	8 0.79	4 (57.14%)	2 (28.57%)	1 (14.29%)	0 (0.00%)	0 (0.00%)	0 (0.00%)
and Applied Science	Results for	SEAS,	2000-level cou	rses					
	Total	Mea	n Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
	2815	4.16	6 0.90	1152 (40.92%)	1074 (38.15%)	353 (12.54%)	133 (4.72%)	31 (1.10%)	72 (2.56%)
13. The average number of hours per	Results for	CS-25	01-001						
week I spent outside of class preparing for this course was:	Total		Less than 1 (NA)	1 - 3 (NA)		4 - 6 (NA)	7 - 9 (NA)	1(	) or more (NA)
Question Type: Multiple Choice	7		5 (71.43%)	(28.57%) (28.57%)	6)	0 (0.00%)	0 (0.00%	b)	0 (0.00%)
contributed by $Office$ of the Provost	Docult f	00.00	2000 laws	1000					
	Results for Total	SEAS,	2000-level cou Less than 1	1 - 3		4 - 6	7 - 9	1(	) or more
	2670		(NA) 150 (5.62%)	(NA) 949 (25.548		(NA) 1054	(NA) 329		(NA) 188 (7.04%)
			(5.62%)	(35.54%	′o) (	39.48%)	(12.32%	′o)	(7.04%)

## CS 2501-001 Spec Topic: Computer Science - Fall 2014

~ QUESTIONS AND DETAILS ~				~ ANSWER	MATRICES ~						
14. I learned a great deal in this course.	Results for	CS-2501-001									
Question Type: Likert contributed by Office of the Provost	Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)			
contributed by Office of the Provosi	7	4.00	1.00	3 (42.86%)	1 (14.29%)	3 (42.86%)	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)			
	2656	4.20	0.92	1188 (44.73%)	1027 (38.67%)	274 (10.32%)	118 (4.44%)	49 (1.84%)			
15. Overall, this was a worthwhile	Results for	CS-2501-001									
$^{\textbf{course.}}_{\widetilde{\text{Ype: Likert}}}$	Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)			
$\sim$ contributed by Office of the Provost	7	4.00	1.00	3 (42.86%)	1 (14.29%)	3 (42.86%)	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)			
	2666	4.19	0.95	1205 (45.20%)	982 (36.83%)	307 (11.52%)	114 (4.28%)	58 (2.18%)			
16. The course's goals and requirements	Results for	CS-2501-001	, Tychonievicl	h, Luther							
were defined and adhered to by the instructor.	Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)			
Question Type: Likert <i>contributed by Office of the Provost</i>	6	4.33	0.82	3 (50.00%)	2 (33.33%)	1 (16.67%)	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)			
	2803	4.32	0.75	1281 (45.70%)	1238 (44.17%)	215 (7.67%)	51 (1.82%)	18 (0.64%)			
17. The instructor was approachable	Results for	CS-2501-001	, Tychonievicl	h, Luther							
and made himself/herself available to students outside the classroom.	Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)			
Question Type: Likert <i>contributed by Office of the Provost</i>	7	4.57	0.79	5 (71.43%)	1 (14.29%)	1 (14.29%)	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)			
	2817	4.27	0.82	1300 (46.15%)	1089 (38.66%)	332 (11.79%)	82 (2.91%)	14 (0.50%)			
18. Overall, the instructor was an	Results for	CS-2501-001	, Tychonievicl	h, Luther		1					
effective teacher. $\tilde{\text{Yype: Likert}}$	Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)			
contributed by Office of the Provost	7	4.43	0.79	4 (57.14%)	2 (28.57%)	1 (14.29%)	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)			
	2823	4.16	0.98	1280 (45.34%)	986 (34.93%)	357 (12.65%)	135 (4.78%)	65 (2.30%)			

~ QUESTIONS AND DETAILS ~	~ ANSWER MATRICES ~							
19. Please make any overall comments	Results for CS-2501-001							
or observations about this course:	Total	Individual Answers						
Question Type: Short Answer	4 See below for Individual Results							
contributed by Office of the Provost								
	<ul> <li>I really enjoyed learning about some of the education theory presented in this course. It's a st that attendance was typically low and that very few people really participated. It would be a course if it met 3 times a week and was just dedicated to learning about how best to teach 0 the reality is that it is needed to have enough TAs with the current budget.</li> <li>2501: A good idea with some challenges. The course needs both a clear vision of what it is solution to its scheduling woes.</li> <li>I didn't go to any classes as I had a conflict. It wasn't effectively organized and I would've lik learn about teaching.</li> <li>Professor Tychonievich was awesome. I learned much more about teaching/pedagogy than I would from this course, and felt better prepared as a T.A. because of it.</li> </ul>							