CS 2150-105 Program & Data Representation - Fall 2014

ENGR (18438)

INSTRUCTORS: Bloomfield, Aaron S. (asb2t)

Respondents: 18 / Enrollment: 42

Summary: CS 2150-105 Program & Data Representation - Fall 2014 (18438)

Overall Course Rating

CS-2150-105 Mean 4.01 CS-2150-105 Std Dev 1.16 CS-2150-105 Response Count 90

Difference from Category Mean, Expressed in Category Standard Deviations

-0.06

Overall Instructor Rating

INSTRUCTOR: Bloomfield, Aaron S. Mean 4.41 Std Dev 0.86

Response Count 124

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 ~

1. The course addressed technically rigorous subject matter consistent with the course objectives.

Question Type: Likert

contributed by Dean of the School of Engineering and Applied Science

~ ANSWER MATRICES ~

Results for	CS-2150-1	05						
Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
18	4.56	0.62	11 (61.11%)	6 (33.33%)	1 (5.56%)	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)	
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.

Question Type: Likert

contributed by Dean of the School of Engineering and Applied Science

Results for	Results for CS-2150-105, Bloomfield, Aaron S.									
Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)		
18	4.17	1.10	10 (55.56%)	3 (16.67%)	3 (16.67%)	2 (11.11%)	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)	
2824	3.99	1.05	1049 (37.15%)	1022 (36.19%)	394 (13.95%)	214 (7.58%)	81 (2.87%)	64 (2.27%)	

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	Results for CS-2150-105									
Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)		
18	3.61	1.50	8 (44.44%)	2 (11.11%)	3 (16.67%)	3 (16.67%)	2 (11.11%)	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)	
2674	4.19	0.91	1111 (41.55%)	1168 (43.68%)	216 (8.08%)	112 (4.19%)	59 (2.21%)	8 (0.30%)	

~ QUESTIONS AND DETAILS ~ ~ ANSWER MATRICES ~ 4. The homework assignments helped Results for CS-2150-105 me learn the subject matter. Agree (4) Total Mean Std Dev Strongly Neutral Disagree Strongly Not Agree (2)Disagree (3)Applicable Question Type: Likert (5) (1) (NA) 18 4.33 0.84 10 0 0 0 contributed by Dean of the School of Engineering (55.56%) (22.22%) (22.22%)(0.00%)(0.00%)(0.00%)and Applied Science Results for SEAS, 2000-level courses Disagree (2) Mean Std Dev Strongly Agree (4) Total Neutral Strongly Not Disagree (1) Agree (5) Applicable (3) (NA) 2664 4 19 0.92 1115 1048 258 52 81 110 (39.34%) (1.95%) (3.04%) (41.85%)(9.68%)(4.13%)5. The textbook increased my Results for CS-2150-105 understanding of the material. Agree (4) Total Mean Std Dev Strongly Neutral Disagree Strongly Not Agree (5) Disagree (1) (3) (2)Applicable Question Type: Likert (NA) 18 3.82 1.17 2 contributed by Dean of the School of Engineering (22.22%)(16.67%)(11.11%) (11.11%)(0.00%)(38.89%)and Applied Science Results for SEAS, 2000-level courses Strongly Agree (5) Agree (4) Disagree (2) Mean Std Dev Strongly Disagree Total Neutral Not Applicable (3)(1) (NA) 2664 3.50 506 703 499 1.21 298 168 490 (18.99%) (11.19%)(26.39%)(18.73%)(6.31%)(18.39%)6. The course material was well Results for CS-2150-105, Bloomfield, Aaron S organized and developed. Total Mean Std Dev Strongly Agree (4) Neutral Disagree (2) Strongly Not Disagree (1) Agree (5) (3) Applicable Question Type: Likert (NA) 17 0 (0.00%) 4.59 0.62 11 5 0 contributed by Dean of the School of Engineering (64.71%) (29.41%) (5.88%)(0.00%)(0.00%)and Applied Science Results for SEAS, 2000-level courses Agree (4) Std Dev Total Mean Strongly Neutral Disagree Strongly Not Agree (5) Applicable (3) (2)Disagree (1) (NA) 2797 0.97 1129 1061 361 61 38 (40.36%)(37.93%)(12.91%)(5.26%)(2.18%)(1.36%)7. The instructor was knowledgeable Results for CS-2150-105, Bloomfield, Aaron S about the subject matter. Strongly Disagree (2) Strongly Mean Std Dev Total Agree (4) Neutral Not Disagree (1) Applicable Agree (5) (3) Question Type: Likert (NA) 4 78 0.43 n n 18 14 contributed by Dean of the School of Engineering (77.78%) (22.22%) (0.00%)(0.00%) (0.00%)(0.00%)and Applied Science Results for SEAS, 2000-level courses Disagree (2) Agree (4) Total Mean Std Dev Strongly Neutral Strongly Agree (5) Disagree (1) (3) Applicable (NA) 2815 4.54 0.71 1761 821 135 46 (0.71%)(62.56%)(29.17%)(4.80%)(1.14%)(1.63%)8. The instructor was well prepared for Results for CS-2150-105, Bloomfield, Aaron S class. Agree (4) Std Dev Total Mean Strongly Neutral Disagree Strongly Not Applicable Agree (3) (2)Disagree Question Type: Likert (5) (1)(NA) 18 4.72 0.46 13 0 0 0 0 contributed by Dean of the School of Engineering (27.78%)(72.22%)(0.00%)(0.00%)(0.00%)(0.00%)and Applied Science Results for SEAS, 2000-level courses Std Dev Strongly Disagree Total Mean Agree (4) Neutral Strongly Not Disagree (1) Agree (5) Applicable (3) (2) (NA)

0.76

1475

(52.42%)

1015

(36.07%)

204

(7.25%)

(1.78%)

20

(0.71%)

50

(1.78%)

4.40

2814

~ 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-2150-105									
Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)	
18	3.67	1.28	6 (33.33%)	5 (27.78%)	3 (16.67%)	3 (16.67%)	1 (5.56%)	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)	
2659	3.98	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.

Question Type: Likert

contributed by Dean of the School of Engineering and Applied Science

Results for CS-2150-105, Bloomfield, Aaron S.									
Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)	
17	3.65	1.27	6 (35.29%)	4 (23.53%)	2 (11.76%)	5 (29.41%)	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)	
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 adequately to in-class questions.

Question Type: Likert

contributed by Dean of the School of Engineering and Applied Science

Results for CS-2150-105, Bloomfield, Aaron S.										
Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)		
18	4.39	0.70	9 (50.00%)	7 (38.89%)	2 (11.11%)	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)		
2809	4.31	0.83	1340 (47.70%)	1074 (38.23%)	222 (7.90%)	91 (3.24%)	28 (1.00%)	54 (1.92%)		

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-2150-105, Bloomfield, Aaron S.										
Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)		
18	4.56	0.70	12 (66.67%)	4 (22.22%)	2 (11.11%)	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)	
2815	4.16	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 week I spent outside of class preparing for this course was:

Question Type: Multiple Choice

contributed by Office of the Provost

	Results for CS-2150-105									
Total Less than 1 (NA)		1 - 3 (NA)	4 - 6 (NA)	7 - 9 (NA)	10 or more (NA)					
	18	0 (0.00%)	1 (5.56%)	9 (50.00%)	4 (22.22%)	4 (22.22%)				

Results for SEAS, 2000-level courses								
Total	Total Less than 1 (NA)		1 - 3 (NA) 4 - 6 (NA)		10 or more (NA)			
2670	150 (5.62%)	949 (35.54%)	1054 (39.48%)	329 (12.32%)	188 (7.04%)			

~ QUESTIONS AND DETAILS ~				~ ANSWER	MATRICES ~			
14. I learned a great deal in this course.	Results for	CS-2150-105						
Question Type: Likert	Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)
contributed by Office of the Provost	18	4.44	0.86	11 (61.11%)	5 (27.78%)	1 (5.56%)	1 (5.56%)	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-2150-105	5					
course. Question Type: Likert	Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)
contributed by Office of the Provost	18	4.50	0.71	11 (61.11%)	5 (27.78%)	2 (11.11%)	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%)
6. The course's goals and requirements	Results for	CS-2150-105	, Bloomfield,	Aaron S.				
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	18	4.33	0.91	10 (55.56%)	5 (27.78%)	2 (11.11%)	1 (5.56%)	(0.00%)
contributed by Office of the Provost	Desults for	0540 0000						
	Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree
	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-2150-105	5, Bloomfield,	Aaron S.				
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 contributed by Office of the Provost	18	4.28	0.83	9 (50.00%)	5 (27.78%)	4 (22.22%)	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-2150-105	, Bloomfield,	Aaron S.				
effective teacher. Question Type: Likert	Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)
contributed by Office of the Provost	17	4.35	0.93	10 (58.82%)	4 (23.53%)	2 (11.76%)	1 (5.88%)	0 (0.00%)
	Results for	r 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-2150-105					
or observations about this course:	Total	Individual Answers				
Question Type: Short Answer	2	See below for Individual Results				
contributed by Office of the Provost						
	Great class, loads of work. Data was definitely corrupted. It was a very good class. I learned a lot.					