CS 2150-104 Program & Data Representation - Spring 2017

ENGR (18063)

INSTRUCTORS: Bloomfield, Aaron S. (asb2t)

Respondents: 33 / Enrollment: 44

Summary: CS 2150-104 Program & Data Representation - Spring 2017 (18063)

Overall Course Rating

CS-2150-104 Mean 4.27 CS-2150-104 Std Dev 1.04 CS-2150-104 Response Count 165

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: Bloomfield, Aaron S.Mean 4.55Std Dev 0.75Response Count 230

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 ~

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-2150-104										
Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)		
33	4.76	0.50	26 (78.79%)	6 (18.18%)	1 (3.03%)	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)		
4105	4.37	0.74	1992 (48.53%)	1723 (41.97%)	262 (6.38%)	77 (1.88%)	23 (0.56%)	28 (0.68%)		

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 CS-2150-104, Bloomfield, Aaron S.										
Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)		
33	4.52	0.77	20 (60.61%)	8 (24.24%)	2 (6.06%)	1 (3.03%)	0 (0.00%)	2 (6.06%)		

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%)			

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 CS-2150-104										
Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)		
33	4.06	1.25	17 (51.52%)	8 (24.24%)	3 (9.09%)	3 (9.09%)	2 (6.06%)	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)		
4114	4.10	1.01	1658 (40.30%)	1707 (41.49%)	322 (7.83%)	280 (6.81%)	128 (3.11%)	19 (0.46%)		

Not

Applicable

(NA)

(0.00%)

Not

Applicable (NA)

197

(4.80%)

Not

Applicable

(NA)

(51.52%)

Not Applicable

(NA)

1286

(31.30%)

Not

Applicable

(NA)

(6.25%)

Not

Applicable

(NA)

(1.81%)

Not

Applicable

(NA)

(6.06%)

Applicable (NA)

> 111 (2.44%)

~ QUESTIONS AND DETAILS ~ ~ ANSWER MATRICES ~ 4. The homework assignments helped Results for CS-2150-104 me learn the subject matter. Disagree (2) Std Dev Agree (4) Total Mean Strongly Neutral Strongly Agree (5) Disagree (3)Question Type: Likert (1) 33 4.67 0.60 24 2 0 contributed by Dean of the School of Engineering (21.21%)(6.06%)(0.00%)(72.73%)(0.00%)and Applied Science Results for SEAS, 2000-level courses Disagree (2) Agree (4) Mean Std Dev Strongly Total Neutral Strongly Disagree (1) Agree (5) (3) 80 4102 0.95 1611 457 4 13 1555 202 (4.92%) (1.95%) (11.14%)(39.27%)(37.91%)5. The textbook increased my Results for CS-2150-104 understanding of the material. Agree (4) Total Mean Std Dev Strongly Neutral Disagree Strongly Agree (5) Disagree (1) (3) (2)Question Type: Likert 33 3.38 1.36 contributed by Dean of the School of Engineering (6.06% (15.15%)(12.12%)(12.12%)(3.03%)and Applied Science Results for SEAS, 2000-level courses Strongly Agree (5) Agree (4) Disagree (2) Mean Std Dev Strongly Disagree Total Neutral (3)(1) 4109 3.49 650 684 221 1.20 894 374 (15.82%)(21.76%)(16.65%)(9.10%)(5.38%)6. The course material was well Results for CS-2150-104, Bloomfield, Aaron S organized and developed. Total Mean Std Dev Strongly Agree (4) Neutral Disagree (2) Strongly Disagree (1) Agree (5) (3) Question Type: Likert 0.72 0 (0.00%) 32 4.60 21 contributed by Dean of the School of Engineering (65.62%) (21.88%)(3.12%) (3.12%)and Applied Science Results for SEAS, 2000-level courses Agree (4) Std Dev Total Mean Strongly Neutral Disagree Strongly Agree (5) (3) (2)Disagree (1) 4535 0.96 1730 1866 500 254 103 (38.15%)(41.15%)(11.03%)(5.60%)(2.27%)7. The instructor was knowledgeable Results for CS-2150-104, Bloomfield, Aaron S about the subject matter. Std Dev Strongly Disagree (2) Strongly Mean Total Agree (4) Neutral Disagree (1) Agree (5) (3) Question Type: Likert 33 4.81 0.48 26 n contributed by Dean of the School of Engineering (78.79%) (12.12%) (3.03%)(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) 4551 4.56 0.67 2836 1365 176 37 (0.81%)(0.57%)(62.32%)(29.99%)(3.87%)8. The instructor was well prepared for class. Question Type: Likert

Results for CS-2150-104, Bloomfield, Aaron S.									
	Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
	33	4.67	0.55	21 (63.64%)	8 (24.24%)	1 (3.03%)	0 (0.00%)	0 (0.00%)	3 (9.09%)

Results for SEAS, 2000-level courses									
То	tal	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
45	50	4.42	0.77	2416 (53.10%)	1620 (35.60%)	273 (6.00%)	86 (1.89%)	42 (0.92%)	113 (2.48%)

contributed by Dean of the School of Engineering and Applied Science

~ 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-2150-104											
Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)			
33	4.03	1.02	12 (36.36%)	14 (42.42%)	4 (12.12%)	2 (6.06%)	1 (3.03%)	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)	
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-2150-104, Bloomfield, Aaron S.									
	Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
	33	4.10	1.08	13 (39.39%)	13 (39.39%)	1 (3.03%)	3 (9.09%)	1 (3.03%)	2 (6.06%)

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-2150-104, Bloomfield, Aaron S.								
Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
33	4.55	0.74	19 (57.58%)	8 (24.24%)	1 (3.03%)	1 (3.03%)	0 (0.00%)	4 (12.12%)

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)
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-2150-104, Bloomfield, Aaron S.								
Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
33	4.59	0.63	19 (57.58%)	8 (24.24%)	2 (6.06%)	0 (0.00%)	0 (0.00%)	4 (12.12%)

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-2	150-104				
Total	Less than 1 (NA)	1 - 3 (NA)	4 - 6 (NA)	7 - 9 (NA)	10 or more (NA)
33	0 (0.00%)	1 (3.03%)	4 (12.12%)	9 (27.27%)	19 (57.58%)

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

Agree (4) (3) (2)								
Total Mean Std Dev Strongly Agree Agree (3) Disagree (2)			MATRICES ~	~ ANSWER M				~ QUESTIONS AND DETAILS ~
Agree (4) (3) (2)			 ,			CS-2150-104	Results for 0	14. I learned a great deal in this course.
Secondary Seco	Strongly Disagree (1)	Disagree (2)		Agree	Std Dev	Mean	Total	~
Total Mean Std Dev Agree (4) Regular Care (2)	0 (0.00%)			26 (78.79%)	0.50	4.76	33	contributed by Office of the Frovosi
15. Overall, this was a worthwhile course. Question Type: Likert Questio					evel courses	SEAS, 2000-le	Results for \$	
15. Overall, this was a worthwhile course. Question Type: Likert Contributed by Office of the Provost	Strongly Disagree (1)			Agree	Std Dev	Mean	Total	
Total Mean Std Dev Strongly Agree (4) (3) (3,03%) (0,00%)	69 (1.68%)				0.91	4.18	4103	
Total Mean Std Dev Strongly Agree (4) (3) (2)						CS-2150-104	Results for 0	15. Overall, this was a worthwhile
33 4.76 0.50 26 6 1 0 0.00%	Strongly Disagree (1)	Disagree (2)		Agree	Std Dev			~
Total Mean Std Dev Strongly Agree (4) Neutral (3) Disagree (2)	0 (0.00%)			26	0.50	4.76	33	contributed by Office of the Provost
Total Mean Std Dev Strongly Agree (4) Neutral (3) Disagree (2)					evel courses	SEAS. 2000-le	Results for \$	
A 103	Strongly Disagree (1)	Disagree (2)				· ·		
Total Mean Std Dev Strongly Agree (4) (3) (2)	93 (2.27%)			1727	0.97	4.13	4103	
10tal 10ta				Aaron S.	Bloomfield, A	CS-2150-104,	Results for 0	
Results for SEAS, 2000-level courses	Strongly Disagree (1)	Disagree (2)	Agree (4)	Agree	Std Dev	Mean	Total	instructor.
Total Mean Std Dev Strongly Agree (4) (3) Disagree (2)	1 (3.12%)				0.92	4.50	32	~
Agree (5) Agree (4) (3) (2)					evel courses	SEAS, 2000-le	Results for \$	
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-2150-104, Bloomfield, Aaron S. Total Mean Std Dev Strongly Agree (4) (3) (3) (2) 32 4.28 0.99 17 10 3 1 (53.12%) (31.25%) (9.38%) (3.12%) Results for SEAS, 2000-level courses Total Mean Std Dev Strongly Agree (4) (3) (3) (2) (2) 4547 4.34 0.78 2250 1760 412 91 (49.48%) (38.71%) (9.06%) (2.00%) 18. Overall, the instructor was an effective teacher. Total Mean Std Dev Strongly Agree (4) (3) (3) (2) (2) (49.48%) (38.71%) (9.06%) (2.00%)	Strongly Disagree (1)	Disagree (2)		Agree	Std Dev	Mean	Total	
and made himself/herself available to students outside the classroom. Question Type: Likert contributed by Office of the Provost Results for SEAS, 2000-level courses Total Mean Std Dev Strongly Agree (4) (5) 32 4.28 0.99 17 10 3 1 (31.25%) (9.38%) (31.25%) Results for SEAS, 2000-level courses Total Mean Std Dev Strongly Agree (4) (6) Total Mean Std Dev Strongly Agree (4) (7) Results for SEAS, 2000-level courses Total Mean Std Dev Strongly Agree (4) (8) Total Mean Std Dev Strongly Agree (4) (9) Results for CS-2150-104, Bloomfield, Aaron S. Total Mean Std Dev Strongly Agree (4) Total Mean Std Dev Strongly Agree (4) Results for CS-2150-104, Bloomfield, Aaron S. Total Mean Std Dev Strongly Agree (4)	34 (0.75%)				0.73	4.32	4540	
students outside the classroom. Question Type: Likert 32 4.28 0.99 17 10 3 1 contributed by Office of the Provost Results for SEAS, 2000-level courses Total Mean Std Dev Strongly Agree (4) Neutral (3) Disagree (2) 4547 4.34 0.78 2250 1760 412 91 4547 4.34 0.78 2250 1760 412 91 4547 4.34 0.78 2250 1760 412 91 4547 4.34 0.78 2250 1760 412 91 4547 4.34 0.78 2250 1760 412 91 4547 4.34 0.78 250 1760 412 91 4547 4.34 0.78 250 1760 412 91 4547 4.34 0.78 250 1760 412 91 4547 4.34 0.78 250 1760 <td></td> <td></td> <td></td> <td>Aaron S.</td> <td>Bloomfield, A</td> <td>CS-2150-104,</td> <td>Results for 0</td> <td>17. The instructor was approachable</td>				Aaron S.	Bloomfield, A	CS-2150-104,	Results for 0	17. The instructor was approachable
Results for SEAS, 2000-level courses	Strongly Disagree (1)		Agree (4)	Agree	Std Dev	Mean	Total	students outside the classroom.
Total Mean Std Dev Strongly Agree (4) (3) Disagree (2) 4547 4.34 0.78 2250 1760 412 91 (9.06%) (2.00%) 18. Overall, the instructor was an effective teacher. Total Mean Std Dev Strongly Agree (4) Strongly Agree (4) (3) (2)	1 (3.12%)		10 (31.25%)		0.99	4.28	32	~
Agree (4) (3) (2)					evel courses	SEAS, 2000-le	Results for \$	
18. Overall, the instructor was an effective teacher. Results for CS-2150-104, Bloomfield, Aaron S. Total Mean Std Dev Strongly Agree Neutral Disagree (4) (3) (2)	Strongly Disagree (1)	Disagree (2)		Agree	Std Dev	Mean	Total	
effective teacher. Total Mean Std Dev Strongly Agree Neutral Disagree Agree (4) (3) (2)	34 (0.75%)	91 (2.00%)			0.78	4.34	4547	
effective teacher. Total Mean Std Dev Strongly Agree Neutral Disagree Agree (4) (3) (2)				Aaron <u>S.</u>	Bloomfield, A	CS-2150-1 <u>04,</u>	Results for (
	Strongly Disagree (1)	Disagree (2)		Strongly Agree (5)	Std Dev	Mean	Total	~
contributed by Office of the Proport 32 4.41 1.07 21 7 2 0	2 (6.25%)			21	1.07	4.41	32	contributed by Office of the Provost
Results for SEAS, 2000-level courses					evel courses	SEAS, 2000-le	Results for \$	
Total Mean Std Dev Strongly Agree Neutral Disagree	Strongly Disagree (1)			Strongly Agree (5)				
4560 4.22 0.93 2094 1729 469 168	100 (2.19%)			2094	0.93	4.22	4560	

~ QUESTIONS AND DETAILS ~		~ ANSWER MATRICES ~				
19. Please make any overall comments	Results for CS-2150-104					
or observations about this course:	Total	Individual Answers				
Question Type: Short Answer	12	See below for Individual Results				
contributed by Office of the Provost						
		just have better comments for on returned items and possibly a better explanation of s but everything was fine the way it is.				
	I love this class	2				
	it was mad hard					
	I think having b would be a goo	etter distributed TA's, and having office hours start a little bit earlier for harder labs d idea.				
	I didnt have Blo time consumino	nomfield, but I heard he is also an outstanding professor. The class is very difficult and g, but it is well worth and you learn a great deal from doing the labs.				
	Helpful class. The TAs were pretty helpful. I wish lab was optional because I would often just my own before or after because it takes longer to do than the assigned lab time.					
	Fix regrade pol	icy.				
	Jesus God, hav	ve mercy.				
	In terms of just the lab itself: The TAs in this lab section were top notch. They really helped r concepts down and understand what I needed to for the in lab assignment. The lab time I the useful. I really don't understand why people sign in and then leave. I appreciated more time people that were knowledgeable on what we were doing. Overall this class taught me a lot o and made me a better programmer because prior to this class I couldn't consider myself one					
	Very useful class					
	Great class! Thank you so much Bloomfield. Also, you should really change that line in lab 1 "Sauron, the destructor of Middle Earth" to "Melkor (or Morgoth), the destructor of Middle Ea better and you know it.					
	This was a great prepared.	at course. There was a lot of work, but it was expected from the first day so I was				