ENGR (17687)

INSTRUCTORS: Bloomfield, Aaron S. (asb2t)

Respondents: 28 / Enrollment: 43

Summary: CS 2150-105 Program & Data Representa	tion - Fall 20	15 (17687)							
Overall Course Rating			Overal	Instructor	Rating				
CS-2150-105 Mean 4.13 CS-2150-105 Std Dev 1.08 CS-2150-105 Response Count 140	INSTRUCTOR: Bloomfield, Aaron S. Mean 4.55 Std Dev 0.65 Response Count 196								
SEAS, 2000-level courses Mean 4.08 SEAS, 2000-level courses Std Dev 0.98 SEAS, 2000-level courses Response Count 16504	SEAS, 2000-level courses Mean 4.28 SEAS, 2000-level courses Std Dev 0.87 SEAS, 2000-level courses Response Count 24082								
~ QUESTIONS AND DETAILS ~				~ ANS	WER MATR	ICES ~			
1. The course addressed technically	Results for	CS-2150-1	105						
rigorous subject matter consistent with the course objectives.	Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
Question Type: Likert	28	4.71	0.53	21 (75.00%)	6 (21.43%)	1 (3.57%)	0 (0.00%)	0 (0.00%)	0 (0.00%)
contributed by Dean of the School of Engineering and Applied Science									
		0-level cou		Agroo	Noutral	Disagras	Strongly	Not	
	Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicabl (NA)
	3306	4.38	0.73	1632 (49.36%)	1375 (41.59%)	216 (6.53%)	55 (1.66%)	17 (0.51%)	11 (0.33%)
2. The instructor used methods other	Results for	CS-2150-1	105, Bloomfi	eld, Aaron S	ò.				
than/in addition to traditional lectures (for example, active learning, in-class problems, collaborative learning, in-	Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicabl (NA)
class discussion) effectively in this course.	28	4.44	0.70	15 (53.57%)	9 (32.14%)	3 (10.71%)	0 (0.00%)	0 (0.00%)	1 (3.57%)
Question Type: Likert	Results for	SEAS, 200	00-level cou	rses					
contributed by Dean of the School of Engineering and Applied Science	Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicabl (NA)
	3456	4.07	1.01	1361 (39.38%)	1355 (39.21%)	382 (11.05%)	218 (6.31%)	101 (2.92%)	39 (1.13%)
3. There was a reasonable level of effort	Results for	CS-2150-1	105						
expected for the credit hours received. Question Type: Likert	Total	Mean	Std Dev	Strongly Agree	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree	Not Applicable
contributed by Dean of the School of Engineering and Applied Science	28	3.68	1.28	(5) 11 (39.29%)	4 (14.29%)	7 (25.00%)	5 (17.86%)	(1) 1 (3.57%)	(NA) 0 (0.00%)
	Desults								
	Total	Mean	00-level cou Std Dev	Strongly Agree	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree	Not Applicabl
	3312	4.14	0.94	(5) 1315 (39.70%)	1478 (44.63%)	250 (7.55%)	179 (5.40%)	(1) 79 (2.39%)	(NA) 11 (0.33%)

~ QUESTIONS AND DETAILS ~	~ ANSWER MATRICES ~								
4. The homework assignments helped	Results for	· CS-2150-1	105						
me learn the subject matter.	Total	Mean	Std Dev	Strongly Agree	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree	Not Applicable
Question Type: Likert				(5)				(1)	. (NA)
contributed by Dean of the School of Engineering and Applied Science	28	4.61	0.63	19 (67.86%)	7 (25.00%)	2 (7.14%)	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)
	3297	4.26	0.85	1442 (43.74%)	1324 (40.16%)	274 (8.31%)	106 (3.22%)	42 (1.27%)	109 (3.31%)
5. The textbook increased my	Results for	· CS-2150-'	105						
understanding of the material.	Total	Mean	Std Dev	Strongly Agree	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree	Not Applicable
Question Type: Likert ~ contributed by Dean of the School of Engineering	28	3.27	1.10	(5)	2	6	4	(1) 0	(NA) 13
and Applied Science				(10.71%)	(7.14%)	(21.43%)	(14.29%)	(0.00%)	(46.43%)
			00-level cou		•	NI	Di	01	N1 /
	Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
	3296	3.54	1.20	655 (19.87%)	839 (25.46%)	638 (19.36%)	301 (9.13%)	206 (6.25%)	657 (19.93%)
6. The course material was well	Results for	· CS-2150-	105, Bloomfi	eld, Aaron S	5.				
Organized and developed. Question Type: Likert	Total	Mean	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	28	4.54	0.69	18 (64.29%)	7 (25.00%)	3 (10.71%)	0 (0.00%)	0 (0.00%)	0 (0.00%)
	Results for	· SEAS. 200	00-level cou	rses					
	Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
	3431	4.17	0.91	1412 (41.15%)	1432 (41.74%)	349 (10.17%)	166 (4.84%)	53 (1.54%)	19 (0.55%)
7. The instructor was knowledgeable	Results for	CS-2150-2	105 Bloomfi	eld, Aaron S	2				
about the subject matter. Question Type: Likert	Total	Mean		Strongly Agree		Neutral (3)	Disagree (2)	Strongly Disagree	Not Applicable
contributed by Dean of the School of Engineering and Applied Science	28	4.75	0.44	(5) 21 (75.00%)	7 (25.00%)	0 (0.00%)	0 (0.00%)	(1) 0 (0.00%)	(NA) 0 (0.00%)
	Deculto for		00-level cou	r000					
	Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree	Not Applicable
	3441	4.57	0.67	(5) 2186 (63.53%)	1039 (30.19%)	144 (4.18%)	30 (0.87%)	(1) 17 (0.49%)	(NA) 25 (0.73%)
8. The instructor was well prepared for	Results for	CS-2150-1	105. Bloomfi	eld, Aaron S	3				
class.	Total	Mean	Std Dev	Strongly	Agree	Neutral	Disagree	Strongly	Not
Question Type: Likert				Agree (5)	(4)	(3)	(2)	Disagree (1)	Applicable (NA)
contributed by Dean of the School of Engineering and Applied Science	28	4.71	0.53	21 (75.00%)	6 (21.43%)	1 (3.57%)	0 (0.00%)	0 (0.00%)	0 (0.00%)
	Results for	SEAS, 200	00-level cou	rses					
	Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
	3446	4.43	0.76	1889 (54.82%)	1238 (35.93%)	197 (5.72%)	65 (1.89%)	31 (0.90%)	26 (0.75%)

~ QUESTIONS AND DETAILS ~	~ ANSWER MATRICES ~									
9. I received adequate preparation from	Results for	CS-21	50-105							
the prior courses in the curriculum to be successful in this course.	Total	Mea		Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)	
Question Type: Likert	28	4.00) 1.12	11 (39.29%)	11 (39.29%)	2 (7.14%)	3 (10.71%)	1 (3.57%)	0 (0.00%)	
contributed by Dean of the School of Engineering and Applied Science	-				(00.2070)	(7.117,0)	(10.11,0)	(0.0170)	(0.0070)	
			2000-level cou						•••	
	Total	Mea	n Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)	
	3293	3.97	0.98	939 (28.52%)	1185 (35.99%)	454 (13.79%)	166 (5.04%)	75 (2.28%)	474 (14.39%)	
10. The grading policy was fair.	Results for	CS-21	50-105, Bloomfi	eld, Aaron S).					
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	28	4.07	0.86	9 (32.14%)	14 (50.00%)	3 (10.71%)	2 (7.14%)	0 (0.00%)	0 (0.00%)	
	Results for	SEAS	2000-level cou	reas						
	Total	Mea		Strongly	Agree	Neutral	Disagree	Strongly	Not	
		wea		Agree (5)	(4)	(3)	(2)	Disagree (1)	Applicable (NA)	
	3443	4.19	0.88	1416 (41.13%)	1492 (43.33%)	322 (9.35%)	146 (4.24%)	52 (1.51%)	15 (0.44%)	
11. The instructor responded	Results for	CS-21	50-105, Bloomfi	eld, Aaron S	5.					
adequately to in-class questions. Question Type: Likert	Total	Mea		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	28	4.61	0.57	18 (64.29%)	9 (32.14%)	1 (3.57%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	
			2000-level cou		A	Neutral	Discores	Ctrop also	Net	
	Total	Mea	n Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)	
	3442	4.36	6 0.81	1743 (50.64%)	1317 (38.26%)	215 (6.25%)	96 (2.79%)	39 (1.13%)	32 (0.93%)	
12. The instructor effectively used	Results for	CS-21	50-105, Bloomfi	eld Aaron S	:					
technology in support of the learning goals for this course.	Total	Mea		Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)	
Question Type: Likert	28	4.71	0.46	20 (71.43%)	8 (28.57%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	
contributed by Dean of the School of Engineering and Applied Science	Deerstra (0540	2000 1000							
	Results for Total	SEAS, Mea	2000-level cou n Std Dev	rses Strongly	Aaroo	Neutral	Disagree	Strongly	Not	
	Total	iviea	n Sta Dev	Agree (5)	Agree (4)	(3)	(2)	Disagree (1)	Applicable (NA)	
	3423	4.21	0.88	1448 (42.30%)	1379 (40.29%)	358 (10.46%)	114 (3.33%)	54 (1.58%)	70 (2.04%)	
13. The average number of hours per	Results for	CS-21	50-105							
week I spent outside of class preparing for this course was:	Total		Less than 1 (NA)	1 - 3 (NA)		4 - 6 (NA)		10	10 or more (NA)	
Question Type: Multiple Choice	28		0 (0.00%)	0 (0.00%	5) (7 (25.00%)		%) (14 (50.00%)	
contributed by Office of the Provost	Populto for	SEAS	2000 lovel act	rece						
	Results for SEA Total		Less than 1 (NA)	1 - 3 (NA)		4 - 6 (NA)		10) or more (NA)	
	3303		208 (6.30%)	1182 (35.79%		1240 (37.54%)		/6)	259 (7.84%)	

~ 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	28	4.68	0.48	19 (67.86%)	9 (32.14%)	0 (0.00%)	0 (0.00%)	0 (0.00%)
	Results for	SEAS, 2000-	evel courses					
	Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)
	3290	4.25	0.88	1529 (46.47%)	1262 (38.36%)	336 (10.21%)	115 (3.50%)	48 (1.46%)
15. Overall, this was a worthwhile	Results for	CS-2150-105						
course. Question Type: Likert	Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)
$\tilde{\sim}$ contributed by Office of the Provost	27	4.56	0.58	16 (59.26%)	10 (37.04%)	1 (3.70%)	0 (0.00%)	0 (0.00%)
	Results for	SEAS, 2000-	evel courses					
	Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)
	3299	4.18	0.95	1491 (45.20%)	1203 (36.47%)	377 (11.43%)	162 (4.91%)	66 (2.00%)
16. The course's goals and requirements	Results for	CS-2150-105	, Bloomfield, J	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 <i>contributed by Office of the Provost</i>	28	4.61	0.57	18 (64.29%)	9 (32.14%)	1 (3.57%)	0 (0.00%)	0 (0.00%)
	Results for	SEAS, 2000-	evel courses					
	Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)
	3436	4.38	0.71	1651 (48.05%)	1525 (44.38%)	195 (5.68%)	44 (1.28%)	21 (0.61%)
17. The instructor was approachable	Results for	CS-2150-105	, Bloomfield, J	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	27	4.22	0.97	13 (48.15%)	9 (33.33%)	4 (14.81%)	0 (0.00%)	1 (3.70%)
	Results for	SEAS, 2000-	evel courses					
	Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)
	3445	4.30	0.81	1630 (47.31%)	1350 (39.19%)	348 (10.10%)	90 (2.61%)	27 (0.78%)
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)
\sim contributed by Office of the Provost	28	4.61	0.57	18 (64.29%)	9 (32.14%)	1 (3.57%)	0 (0.00%)	0 (0.00%)
	Results for	SEAS, 2000-	evel courses					
	Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)
	3455	4.21	0.95	1632 (47.24%)	1232 (35.66%)	355 (10.27%)	166 (4.80%)	70 (2.03%)

~ 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	16	See below for Individual Results					
contributed by Office of the Provost							
	I have learned more in this class than I've learned in any other course I've taken at UVA. That beir said, this was also the most difficult course I've ever taken at UVA. The amount of time required to master the material and complete the labs was tremendous, but the material is extremely useful for me as CS student.						
	Lots of work, but worth it. GO TO OFFICE HOURS! THEY HELP! If you take this class, these will be the difference between suffering and feeling semi-okay in this class!						
	Hard but overal	I extremely worthwhile					
	Good course to	ok a lot more time than expected					
	Aaron Bloomfield is possibly the best professor I have had while here at UVA. He presents the material in an organized and intuitive manner. I was very impressed by the sheer infrastructure se in his github account. The strict organization of the course made the workload much more manageable. I knew exactly what was expected of me and when everything was due.						
	Best professor I've had at UVA. Great lecturer, very knowledgeable, and very funny. That beir CS 2150 is extremely difficult. The labs require way too much of your time outside of class. It's as 3 credits, but we are doing way more work than that. Should be a 5 credit class.						
	This is class ree	quires too much of my time. I had to "give up" on other classes to excel in this.					
	Professor Bloomfield may be the most recommended professor to study under when given chance, there has been no lack of clarity allowing me to focus entirely on the content rather trying to make out what the other professors would lecture.						
	I like this course but I think prelabs are better made to be homeworks so that we get motivate						
	A lot of work, b	ut it helps you learn					
	Might be my favorite professor at UVA. He is so passionate, smart, funny and enthusiastic, I've r been so inspired to be a CS major, give this man a raise because whatever he's getting paid it's enough.						
	I love this class. CS is charming.						
	Great course on program & data representation.						
	Learned a ton! Definitely the toughest course I've taken but I got out what I put in. 4 months ago thought I knew a lot about coding and after taking this course I laugh at that thought. There is so much more to learn and this class has me excited about what is in store down the road. Prof Bloomfield's enthusiasm and teaching flow had me inspired. The labs can either be very easy or tough. The tough ones involved several days or attempts until I got a solution working. Overall a worth while class that is necessary for every computer science major.						
	I already filled this part out for the main section of the course. I'm not sure why there are two course evals here.						
	Having a lab over thanksgiving break was really tough for me, i had no time to do it and because or that i missed a pretty important lab and it really hurt my grade. I feel like i couldn't be the only one withis problem generally assigning huge amounts of work over break is pretty hard for students, especially those who travel and don't really have time between family plans to do these assignment						