ENGR (20895)

INSTRUCTORS: Bloomfield, Aaron S. (asb2t)

Respondents: 20 / Enrollment: 34

Summary: CS 2150-106 Program & Data Representa	tion - Fall 20	15 (20895)							
Overall Course Rating	Overall Instructor Rating INSTRUCTOR: Bloomfield, Aaron S.								
CS-2150-106 Mean 3.97 CS-2150-106 Std Dev 1.38 CS-2150-106 Response Count 99	INSTRUCTOR: Bloomfield, Aaron S. Mean 4.47 Std Dev 0.72 Response Count 139								
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 ~	~ ANSWER MATRICES ~								
1. The course addressed technically	Posulte for	CS-2150-1	06						
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	20	4.85	0.37	17 (85.00%)	3 (15.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)
contributed by Dean of the School of Engineering and Applied Science									
	Results for Total	SEAS, 200 Mean	0-level cour Std Dev		Agroo	Neutral	Diagaraa	Strongly	Not
	TOTAL	Mean	Sid Dev	Strongly Agree (5)	Agree (4)	(3)	Disagree (2)	Disagree (1)	Applicable (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	06, Bloomfi	eld, Aaron S	.				
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 Applicable (NA)
class discussion) effectively in this course.	20	4.20	0.95	9 (45.00%)	8 (40.00%)	1 (5.00%)	2 (10.00%)	0 (0.00%)	0 (0.00%)
$\tilde{Question}$ Type: Likert	Results for	SEAS, 200	0-level cou	ses					
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 Applicable (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	06						
expected for the credit hours received. \sim	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 and Applied Science	20	3.15	1.63	(5) 7 (35.00%)	2 (10.00%)	2 (10.00%)	5 (25.00%)	(1) 4 (20.00%)	(NA) 0 (0.00%)
ини Аррней Science									
		SEAS, 200					2		
	Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
	3312	4.14	0.94	1315 (39.70%)	1478 (44.63%)	250 (7.55%)	179 (5.40%)	79 (2.39%)	11 (0.33%)

~ QUESTIONS AND DETAILS ~	~ ANSWER MATRICES ~								
4. The homework assignments helped	Results for	r CS-2150- ⁻	106						
me learn the subject matter. $$	Total	Mean	Std Dev	Strongly	Agree	Neutral	Disagree	Strongly	Not Applicable
Question Type: Likert				Agree (5)	(4)	(3)	(2)	Disagree (1)	(NA)
contributed by Dean of the School of Engineering and Applied Science	20	4.70	0.47	14 (70.00%)	6 (30.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)
	Results for	r SEAS, 20	00-level cou	rses					
	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	r CS-2150-	106						
understanding of the material.	Total	Mean	Std Dev	Strongly Agree	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree	Not Applicable
Question Type: Likert	19	2.83	1.83	(5) 2 (10.53%)	0 (0.00%)	1 (5.26%)	1 (5.26%)	(1) 2 (10.52%)	(NA) 13 (68.42%)
and Applied Science				(10.55%)	(0.00%)	(5.20%)	(5.20%)	(10.53%)	(00.42 %)
			00-level cou						
	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	r CS-2150-	106, Bloomfi	eld, Aaron S).				
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	20	4.50	0.61	11 (55.00%)	8 (40.00%)	1 (5.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)
	Deculto for		00-level cou						
	Total	Mean	Std Dev	Strongly	Agree	Neutral	Disagree	Strongly	Not
	3431	4.17	0.91	Agree (5) 1412	(4)	(3)	(2)	Disagree (1) 53	Applicable (NA) 19
	3431	4.17	0.91	(41.15%)	(41.74%)	(10.17%)	(4.84%)	(1.54%)	(0.55%)
7. The instructor was knowledgeable	Results for	r CS-2150-	106, Bloomfi	eld. Aaron S	S.				
about the subject matter. Question Type: Likert	Total	Mean		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	20	4.65	0.49	13 (65.00%)	7 (35.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)
and Applied Science		0510.00							
	Total	Mean	00-level cou Std Dev	rses Strongly	Agree	Neutral	Disagree	Strongly	Not
		moun		Agree (5)	(4)	(3)	(2)	Disagree (1)	Applicable (NA)
	3441	4.57	0.67	2186 (63.53%)	1039 (30.19%)	144 (4.18%)	30 (0.87%)	17 (0.49%)	25 (0.73%)
8. The instructor was well prepared for	Results for	r CS <u>-2150-</u>	106, Bloomfi	eld, <u>Aaron S</u>	i.				
class. 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	20	4.80	0.41	16 (80.00%)	4 (20.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)
	Desult								
	Results for Total	Mean	00-level cou Std Dev	rses Strongly	Agree	Neutral	Disagree	Strongly	Not
				Agree (5)	(4)	(3)	(2)	Disagree (1)	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-2'	150-10	06						
the prior courses in the curriculum to be successful in this course.	Total	Mea		Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
Question Type: Likert	20	3.5	50	1.40	6	6	2	4	2	0
contributed by Dean of the School of Engineering and Applied Science					(30.00%)	(30.00%)	(10.00%)	(20.00%)	(10.00%)	(0.00%)
una Appica Scince	Results for	SEAS	6, 200	0-level cou	ses					
	Total	Mea	an	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
	3293	3.9)7	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-2	150-10	06, Bloomfi	eld, Aaron S).				
Question Type: Likert	Total	Mea	an	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	20	4.0)5	0.89	5 (25.00%)	13 (65.00%)	1 (5.00%)	0 (0.00%)	1 (5.00%)	0 (0.00%)
	Results for	SEVO	200							
	Total	Mea		Std Dev	Strongly	Agree	Neutral	Disagree	Strongly	Not
					Agree (5)	(4)	(3)	(2)	Disagree (1)	Applicable (NA)
	3443	4.1	9	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-2	150-1	06, Bloomfi	eld, Aaron S		1	1		
adequately to in-class questions.	Total	Mea	an	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	19	4.5	58	0.51	11 (57.89%)	8 (42.11%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)
	Results for	SEAS	6. 200	0-level coui	rses					
	Total	Mea	-	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
	3442	4.3	86	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-2'	150-10	06 Bloomfi	old Aaron S					
technology in support of the learning goals for this course.	Total	Mea			Strongly Agree	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree	
Question Type: Likert	20	4.5	53	0.77	(5) 13 (65.00%)	3 (15.00%)	3 (15.00%)	0 (0.00%)	(1) 0 (0.00%)	(NA) 1 (5.00%)
contributed by Dean of the School of Engineering and Applied Science						(,,	((0.00.07)	(0.00.00)	(0.00.0)
	Results for Total	SEAS		0-level cour Std Dev	rses Strongly	Agree	Neutral	Disagree	Strongly	Not
	Total	IVIE	an	Sta Dev	Agree (5)	Agree (4)	(3)	(2)	Disagree (1)	Applicable (NA)
	3423	4.2	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-2	150 <u>-1</u> (06						
week I spent outside of class preparing for this course was:	ek I spent outside of class preparing		Les	s than 1 (NA)	1 - 3 (NA)		4 - 6 (NA)		1	0 or more (NA)
Question Type: Multiple Choice	20	(0).00%)	1 (5.00%	5)	2 (10.00%)	5 (25.00%	(6)	12 60.00%)
contributed by $Office$ of the Provost	Results for SEAS, 2000-level courses									
	Results for Total	SEAS	AS, 2000-level cour Less than 1		rses 1 - 3		4 - 6	7 - 9	1) or more
	3303			(NA) 208			(NA) 1240	(NA) 414		(NA) 259
			(6	6.30%)	(35.79%	6)	(37.54%)	(12.53%	6)	(7.84%)

~ QUESTIONS AND DETAILS ~				~ ANSWER	MATRICES ~			
14. I learned a great deal in this course.	Results for	CS-2150-106						
Question Type: Likert	Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)
contributed by Office of the Provosi	20	4.75	0.44	15 (75.00%)	5 (25.00%)	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)
	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-2150-106	;					
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	20	4.60	0.75	14 (70.00%)	5 (25.00%)	0 (0.00%)	1 (5.00%)	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)
	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-2150-106	, 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>	20	4.60	0.50	12 (60.00%)	8 (40.00%)	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)
	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-2150-106	, Bloomfield, <i>i</i>	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	20	4.35	0.81	11 (55.00%)	5 (25.00%)	4 (20.00%)	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)
	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-2150-1 <u>06</u>	, Bloomfield, J	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	20	4.65	0.49	13 (65.00%)	7 (35.00%)	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)
	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-2	150-106				
or observations about this course:	Total	Individual Answers				
Question Type: Short Answer	9	See below for Individual Results				
contributed by Office of the Provost						
	Although I understand that students are supposed to have the entire weekend to work on the pi and therefore they should be able to complete more work than for the rest of the lab, some stud have all day commitments on the weekends and the amount of work required for the prelab cou- often have been a whole lab in and of itself. I have trouble understanding why the tests cover di subject matter than the students are prepared for in the labs as well. There seems to be a disco- between the instructor's ideals and the student's actualities. For example Bloomfield does not s understand how much work some of the labs take for students who are newly encountering the subjects. In addition, he does not understand what they are actually taking away from the labs lectures and ends up testing on things that he does not realize he hasn't fully communicated to students.					
	Thank you!					
	Not enough resources to get help from					
	Way too much work. Give some to 2110. It's not even funny. Great course. Bloomfield really knows his stuff and you learn a ton from the labs. Definitely a worthwhile course if you're willing to put in the work.					
	Very methodical and clear in his teachings. Teaches what we need to know and doesn't dwell on random things that aren't valuable. Pretty clear with everything. You can tell how much work he puinto this class compared to some of the other classes I've taken where lectures were all over the place. Great class, thank you.					
	I already filled this shizz out what the heck is this one					
	While one of the most difficult courses I have taken so far, CS2150 has been one of the mor valuable ones as well. I learned more in this one semester of class than I have in all of my o classes combined. That being said, this should either be a 4 credit class, broken into two se or have slightly less labs. There were times where the workload was extremely overwhelmin other classes. Additionally I have a suggestion about the labs. While labs are crucial for solid information learned in lecture, I found myself spending more time working on the "extra" par lab rather than the key bits of information. I wish things such as input were introduced in a la than hashlab, because that is one of the reasons that it was so difficult.					