C S 202-0001 **Discrete Math I** - Spring 2005

School Of Engineering And Applied Science (10090)

INSTRUCTORS: Bloomfield, Aaron S. (asb2t)

Respondents: 52 / Enrollment: 72

Summary: C S 202-0001 Discrete Math I - Spring 2005 (10090)

Overall Course Rating

C S-202-0001 Mean 3.86 C S-202-0001 Std Dev 1.06 C S-202-0001 Response Count 259

Difference from Category Mean, Expressed in Category Standard Deviations

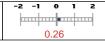
-0.11

Overall Instructor Rating

INSTRUCTOR: Bloomfield, Aaron S. Mean 4.31

Std Dev 0.78 Response Count 364

Difference from Category Mean, Expressed in Category Standard Deviations



SEAS, 200-level courses Mean 3.97

SEAS, 200-level courses Std Dev 0.95 SEAS, 200-level courses Response Count 11405

SEAS, 200-level courses Mean 4.04 SEAS, 200-level courses Std Dev 1.03

SEAS, 200-level courses Response Count 18511

~ QUESTIONS AND DETAILS ~

~ ANSWER MATRICES ~

1. The subject matter was challenging.

Question Type: Likert

contributed by Dean of the School of Engineering and Applied Science

Results for	esuits for C 5-202-0001									
Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)		
52	4.06	0.92	18 (34.62%)	23 (44.23%)	8 (15.38%)	2 (3.85%)	1 (1.92%)	0 (0.00%)		

Results for SEAS, 200-level courses									
Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)	
2288	4.13	0.80	765 (33.44%)	1152 (50.35%)	280 (12.24%)	72 (3.15%)	17 (0.74%)	2 (0.09%)	

2. The objectives of the course were clearly stated and accomplished.

Question Type: Likert

contributed by Dean of the School of Engineering and Applied Science

Results for C S-202-0001										
Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)		
52	4.31	0.67	22 (42.31%)	24 (46.15%)	6 (11.54%)	0 (0.00%)	0 (0.00%)	0 (0.00%)		

Results for SEAS, 200-level courses										
	Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)	
	2279	4.06	0.88	722 (31.68%)	1160 (50.90%)	249 (10.93%)	98 (4.30%)	47 (2.06%)	3 (0.13%)	

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 C S-202-0001										
Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)		
52	4.27	0.60	18 (34.62%)	30 (57.69%)	4 (7.69%)	0 (0.00%)	0 (0.00%)	0 (0.00%)		

Results for SEAS, 200-level courses									
Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)	
2282	3.97	0.95	643 (28.18%)	1196 (52.41%)	222 (9.73%)	154 (6.75%)	63 (2.76%)	4 (0.18%)	

~ QUESTIONS AND DETAILS ~ 4. The homework assignments helped me learn the subject matter. Question Type: Likert contributed by Dean of the School of Engineering and Applied Science 5. The textbook increased my understanding of the material. Question Type: Likert contributed by Dean of the School of Engineering and Applied Science 6. The course material was well

Results for C S-202-0001									
Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)	
52	4.13	0.79	17 (32.69%)	27 (51.92%)	7 (13.46%)	0 (0.00%)	1 (1.92%)	0 (0.00%)	

~ ANSWER MATRICES ~

Results for	SEAS, 200)-level cours						
Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
2277	4.03	0.93	713 (31.31%)	986 (43.30%)	293 (12.87%)	104 (4.57%)	47 (2.06%)	134 (5.88%)

Results for C S-202-0001										
Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)		
51	2.53	1.10	2 (3.92%)	10 (19.61%)	9 (17.65%)	22 (43.14%)	8 (15.69%)	0 (0.00%)		

Results for SEAS, 200-level courses									
Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)	
2279	3.63	1.11	444 (19.48%)	893 (39.18%)	400 (17.55%)	222 (9.74%)	127 (5.57%)	193 (8.47%)	

organized and developed.

Question Type: Likert

contributed by Dean of the School of Engineering and Applied Science

Results for C S-202-0001, Bloomfield, Aaron S.										
Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)		
52	4.29	0.85	22 (42.31%)	27 (51.92%)	1 (1.92%)	0 (0.00%)	2 (3.85%)	0 (0.00%)		

Results for	Results for SEAS, 200-level courses									
Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)		
2640	3.97	1.11	985 (37.31%)	1046 (39.62%)	301 (11.40%)	137 (5.19%)	159 (6.02%)	12 (0.45%)		

7. The instructor was knowledgeable about the subject matter.

Question Type: Likert

contributed by Dean of the School of Engineering and Applied Science

Results for C S-202-0001, Bloomfield, Aaron S.										
	Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)	
	52	4.48	0.58	27 (51.92%)	23 (44.23%)	2 (3.85%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	

Results for SEAS, 200-level courses											
Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)			
2642	4.40	0.80	1436 (54.35%)	912 (34.52%)	190 (7.19%)	58 (2.20%)	27 (1.02%)	19 (0.72%)			

8. The instructor was well prepared for class.

Question Type: Likert

contributed by Dean of the School of Engineering and Applied Science

Results for C S-202-0001, Bloomfield, Aaron S.										
Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)		
52	4.42	0.72	26 (50.00%)	24 (46.15%)	1 (1.92%)	0 (0.00%)	1 (1.92%)	0 (0.00%)		

Results for SEAS, 200-level courses								
Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
2643	4.23	0.96	1260 (47.67%)	952 (36.02%)	230 (8.70%)	98 (3.71%)	75 (2.84%)	28 (1.06%)

~ QUESTIONS AND DETAILS ~

~ ANSWER MATRICES ~

9. The instructor (not Teaching Assistants) was accessible for individual assistance.

Question Type: Likert

contributed by Dean of the School of Engineering and Applied Science

Results for C S-202-0001, Bloomfield, Aaron S.									
Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)	
52	4.32	0.77	24 (46.15%)	19 (36.54%)	6 (11.54%)	1 (1.92%)	0 (0.00%)	2 (3.85%)	

Results for SEAS, 200-level courses									
Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)	
2645	3.99	0.94	797 (30.13%)	1005 (38.00%)	470 (17.77%)	93 (3.52%)	54 (2.04%)	226 (8.54%)	

10. The grading policy was fair.

Question Type: Likert

contributed by Dean of the School of Engineering and Applied Science

Results for C S-202-0001, Bloomfield, Aaron S.									
	Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
	52	4.10	0.87	17 (32.69%)	27 (51.92%)	5 (9.62%)	2 (3.85%)	1 (1.92%)	0 (0.00%)

Results for SEAS, 200-level courses									
Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)	
2652	3.86	1.03	744 (28.05%)	1169 (44.08%)	415 (15.65%)	199 (7.50%)	95 (3.58%)	30 (1.13%)	

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 C S-202-0001, Bloomfield, Aaron S.												
Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)				
52	4.31	0.73	21 (40.38%)	28 (53.85%)	2 (3.85%)	0 (0.00%)	1 (1.92%)	0 (0.00%)				

Results for SEAS, 200-level courses										
Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)		
2641	4.15	0.93	1038 (39.30%)	1156 (43.77%)	255 (9.66%)	84 (3.18%)	77 (2.92%)	31 (1.17%)		

12. As a teacher, this instructor was better than most others in this School.

Question Type: Likert

contributed by Dean of the School of Engineering and Applied Science

Results for C S-202-0001, Bloomfield, Aaron S.									
	Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
	52	4.24	0.91	23 (44.23%)	21 (40.38%)	4 (7.69%)	2 (3.85%)	1 (1.92%)	1 (1.92%)

Results for SEAS, 200-level courses										
Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)		
2648	3.64	1.17	711 (26.85%)	855 (32.29%)	615 (23.23%)	251 (9.48%)	178 (6.72%)	38 (1.44%)		

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 C S-202-0001							
Total	Less than 1 (NA)	1 - 3 (NA)	4 - 6 (NA)	7 - 9 (NA)	10 or more (NA)		
51	2 (3.92%)	30 (58.82%)	18 (35.29%)	1 (1.96%)	0 (0.00%)		

Results for SEAS, 200-level courses							
Total	Total Less than 1 (NA)		1 - 3 (NA) 4 - 6 (NA)		10 or more (NA)		
2287	114 (4.98%)	876 (38.30%)	974 (42.59%)	248 (10.84%)	75 (3.28%)		

~ QUESTIONS AND DETAILS ~				~ ANSWER !	MATRICES ~			
14. I learned a great deal in this course. Results for C S-202-0001								
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	52	3.85	0.83	10 (19.23%)	28 (53.85%)	10 (19.23%)	4 (7.69%)	0 (0.00%)
	Results for SEAS, 200-level courses							
	Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)
	2277	3.99	0.93	697 (30.61%)	1090 (47.87%)	304 (13.35%)	138 (6.06%)	48 (2.11%)
15. Overall, this was a worthwhile	Results for	C S-202-000	1					
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	52	3.71	1.04	12 (23.08%)	22 (42.31%)	10 (19.23%)	7 (13.46%)	1 (1.92%)
	Results for	SEAS, 200-le	evel courses					
	Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)
	2276	3.95	1.00	708 (31.11%)	1052 (46.22%)	299 (13.14%)	139 (6.11%)	78 (3.43%)
16. The course's goals and requirements	Results for	C S-202-000	1, 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 contributed by Office of the Provost	52	4.35	0.62	22 (42.31%)	26 (50.00%)	4 (7.69%)	0 (0.00%)	0 (0.00%)
	Results for	SEAS, 200-le	evel courses					
	Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)
	2644	4.05	0.86	808 (30.56%)	1359 (51.40%)	340 (12.86%)	84 (3.18%)	53 (2.00%)
17. The instructor was approachable Results for C S-202-0001, 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	52	4.31	0.73	23 (44.23%)	23 (44.23%)	5 (9.62%)	1 (1.92%)	0 (0.00%)
	Results for	SEAS, 200-le	evel courses					
	Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)
	2643	4.00	0.90	836 (31.63%)	1165 (44.08%)	497 (18.80%)	96 (3.63%)	49 (1.85%)
18. Overall, the instructor was an	Results for C S-202-0001, 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	52	4.25	0.74	19 (36.54%)	29 (55.77%)	3 (5.77%)	0 (0.00%)	1 (1.92%)
	Results for	SEAS, 200-le	evel courses					
	Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)
	2645	3.93	1.06	893 (33.76%)	1077 (40.72%)	396 (14.97%)	160 (6.05%)	119 (4.50%)

~ QUESTIONS AND DETAILS ~
19. Please make any overall comments or observations about this course:
Question Type: Short Answer
contributed by Office of the Provost

~ ANSWER MATRICES ~

Results for C S-202-0001					
Total	Individual Answers				
21	See below for Individual Results				

Good teacher, confusing material.

Don't think the focus should be changed for next semester.

Professor Bloomfield is by far the best CS202 professor. The others simply aren't nearly as approachable. He seems to be the only professor that understands 95% of his students think this material is boring.

Professor Bloomfield is one of the best professors at UVA.

Professor Bloomfield takes pains to adapt the course to the students. He is constantly trying to adapt the structure of the course to make sure things go smoothly and in a way that best suits the students. He recognizes that the material is very dull and dry and inserts humor into the slides to help alleviate the tension. He is also compensating for a textbook that is very bad. Several times over the year he would show a slide with the objectives for the semester and illustrate the sort of progress we were making. He takes pains to answer questions hold review sessions. There is a lot of material and some of it is difficult and disjunct, but if you put in the work you'll do well.

Professor Bloomfield is one of the best teachers in the engineering school.

Bloomfield is AWESOME!!! His slides are VERY clear. He's obviously very intelligent, and explains things well. It seems like he tries really hard to tailor the class to the students' needs - I'm impressed. I personally think that he should write his own textbook of the material. His explanations always made a lot more sense than the book we used. Also, he keeps it real - he doesn't pretend that it's an exciting subject when it's not. The random humor slides were great. Also very clear on grading policy and extremely fair. I'm usually not too excited about math, but this class was actually pretty fun, even if only because Bloomfield is so quirky. I learned a lot. Two thumbs up:)

Prof. Bloomfield did a remarkable job with this class. He tried his best to make a completely boring class interesting and for that I admire him. He's by far the best CS professor I've had at UVa (which is not saying too much considering what pathetic professors I had for CS201 and CS101). Nonetheless, Bloomfield is a tremendous asset to the CS department for his uncharacteristic (for a CS professor) fairness, organization skills and availability. Thanks for doing such a great job Prof. Bloomfield!

The professor was very fair and taught material in a clear way. He also tried his best to make it interesting and cared about his students.

More practice would have helped me master concepts. The homework helped with this, but more questions and less penalty for incorrect answers would have helped more.

Not a bad class considering the mundaneness of the subject matter, which seemed pointless and way too abstract at times. I would reccommend using a better textbook with more examples and explanations of proofs. Overall, however, the course and professor could have been much worse; this class wasn't bad.

very helpful teacher, and extremely nice. he made it very easy to learn and showed legitimate care for his students.

Prof Bloomfield was by far the worst professor I have had all year. I am not trying to complain, but it seemed that when he was working examples out in his slides in class (which he had done ahead of time) more often than not, he would have some mistake along the way, and end up trying to fix it while trying to teach the material. Overall, he appeared unprepared for classes, and always made excuses for why his slides were wrong, such as "I am trying to post the slides on the internet as soon as possible, so i dont have time to proofread". It seems stupid to think that someone could effectivally teach without even proofreading their material. Also, his grading policy on the homeworks seems very unfair. A minor mistake in a problem results in most of the credit being taken away. He did change his policy for the last few assignments, but only after an entire semester of unfairly graded assignments.

Funny little breaks inbetween slides/lectures kept things alive at times

For a really confusingtopic, getting the pace right is very difficult. Although I was unfamiliar with the material I was very good at quickly understanding it. Teaching the class to both people who have a great difficulty grasping and those who do not is fine line to walk and this semseter at least Professor Bloomfield erred on the edge of compensating toward those who do not understand which may be the right decision but makes the class very easy for some.

Knowing the material for subjects that are difficult to teach is a good thing; not sure if teaching it any differently would help, possibly just taking more time with the work to really learn the material. Don't go into it thinking that it will be an easy A, and definitely go to class, because reading that stuff is almost useless for trying to learn it..much better to have someone discuss it.

Excellent professor for this subject. XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	~ QUESTIONS AND DETAILS ~	~ ANSWER MATRICES ~		
		Professor Bloomfield is the best. He needs to try and involve the class more in the discussion. We weren't that huge of a class and we were often falling asleep. I don't think it's that difficult to ask the class a question and see what a few people say.		