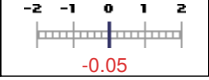
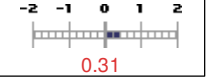


CS 2150-001 Program & Data Representation - Fall 2014

ENGR (17573)

INSTRUCTORS: Bloomfield, Aaron S. (asb2t)

Respondents: 91 / Enrollment: 168

Summary: CS 2150-001 Program & Data Representation - Fall 2014 (17573)	
<p>Overall Course Rating</p> <p>CS-2150-001 Mean 4.02 CS-2150-001 Std Dev 1.17 CS-2150-001 Response Count 451</p>	<p>Overall Instructor Rating</p> <p>INSTRUCTOR: Bloomfield, Aaron S. Mean 4.52 Std Dev 0.72 Response Count 632</p>
<p>Difference from Category Mean, Expressed in Category Standard Deviations</p>  <p style="text-align: center;">-0.05</p>	<p>Difference from Category Mean, Expressed in Category Standard Deviations</p>  <p style="text-align: center;">0.31</p>
<p>SEAS, 2000-level courses Mean 4.07 SEAS, 2000-level courses Std Dev 0.98 SEAS, 2000-level courses Response Count 13331</p>	<p>SEAS, 2000-level courses Mean 4.24 SEAS, 2000-level courses Std Dev 0.89 SEAS, 2000-level courses Response Count 19687</p>

~ QUESTIONS AND DETAILS ~ ~ ANSWER MATRICES ~

<p>1. Please list any comments (pro or con) about the teaching assistants here. These results will be passed onto the TAs so that they also have some feedback from the course evaluations.</p> <p style="text-align: center;">~ Question Type: Short Answer ~ contributed by Bloomfield, Aaron S. (asb2t)</p>	<table border="1"> <thead> <tr> <th colspan="2">Results for CS-2150-001, Bloomfield, Aaron S.</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">Total</td> <td style="text-align: center;">Individual Answers</td> </tr> <tr> <td style="text-align: center;">57</td> <td style="text-align: center;">See below for Individual Results</td> </tr> </tbody> </table>	Results for CS-2150-001, Bloomfield, Aaron S.		Total	Individual Answers	57	See below for Individual Results
Results for CS-2150-001, Bloomfield, Aaron S.							
Total	Individual Answers						
57	See below for Individual Results						

	(redacted)
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~ QUESTIONS AND DETAILS ~

~ ANSWER MATRICES ~

(redacted)

(redacted)

2. 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

Results for CS-2150-001								
Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
91	4.71	0.45	65 (71.43%)	26 (28.57%)	0 (0.00%)	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)	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%)

3. The instructor used methods other than/in addition to traditional lectures (for example, active learning, in-class problems, collaborative learning, in-class discussion) effectively in this course.

Question Type: Likert

contributed by Dean of the School of Engineering and Applied Science

Results for CS-2150-001, Bloomfield, Aaron S.								
Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
90	4.17	0.88	39 (43.33%)	31 (34.44%)	16 (17.78%)	4 (4.44%)	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%)

~ QUESTIONS AND DETAILS ~

~ ANSWER MATRICES ~

4. 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-2150-001								
Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
90	3.36	1.54	28 (31.11%)	24 (26.67%)	9 (10.00%)	10 (11.11%)	19 (21.11%)	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%)

5. The homework assignments helped me learn the subject matter.

Question Type: Likert

contributed by Dean of the School of Engineering and Applied Science

Results for CS-2150-001								
Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
91	4.51	0.67	55 (60.44%)	27 (29.67%)	9 (9.89%)	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)
2664	4.19	0.92	1115 (41.85%)	1048 (39.34%)	258 (9.68%)	110 (4.13%)	52 (1.95%)	81 (3.04%)

6. The textbook increased my understanding of the material.

Question Type: Likert

contributed by Dean of the School of Engineering and Applied Science

Results for CS-2150-001								
Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
89	3.20	1.11	5 (5.62%)	7 (7.87%)	16 (17.98%)	4 (4.49%)	3 (3.37%)	54 (60.67%)

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)
2664	3.50	1.21	506 (18.99%)	703 (26.39%)	499 (18.73%)	298 (11.19%)	168 (6.31%)	490 (18.39%)

7. The course material was well organized and developed.

Question Type: Likert

contributed by Dean of the School of Engineering and Applied Science

Results for CS-2150-001, Bloomfield, Aaron S.								
Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
91	4.62	0.53	58 (63.74%)	30 (32.97%)	2 (2.20%)	0 (0.00%)	0 (0.00%)	1 (1.10%)

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)
2797	4.11	0.97	1129 (40.36%)	1061 (37.93%)	361 (12.91%)	147 (5.26%)	61 (2.18%)	38 (1.36%)

8. The instructor was knowledgeable about the subject matter.

Question Type: Likert

contributed by Dean of the School of Engineering and Applied Science

Results for CS-2150-001, Bloomfield, Aaron S.								
Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
91	4.88	0.33	80 (87.91%)	11 (12.09%)	0 (0.00%)	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)	Not Applicable (NA)
2815	4.54	0.71	1761 (62.56%)	821 (29.17%)	135 (4.80%)	32 (1.14%)	20 (0.71%)	46 (1.63%)

~ QUESTIONS AND DETAILS ~

~ ANSWER MATRICES ~

9. The instructor was well prepared for class.

Question Type: Likert

contributed by Dean of the School of Engineering and Applied Science

Results for CS-2150-001, Bloomfield, Aaron S.								
Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
91	4.81	0.39	74 (81.32%)	17 (18.68%)	0 (0.00%)	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)	Not Applicable (NA)
2814	4.40	0.76	1475 (52.42%)	1015 (36.07%)	204 (7.25%)	50 (1.78%)	20 (0.71%)	50 (1.78%)

10. 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-2150-001								
Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
90	3.82	1.04	25 (27.78%)	38 (42.22%)	16 (17.78%)	8 (8.89%)	3 (3.33%)	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%)

11. The grading policy was fair.

Question Type: Likert

contributed by Dean of the School of Engineering and Applied Science

Results for CS-2150-001, Bloomfield, Aaron S.								
Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
89	4.00	0.99	32 (35.96%)	35 (39.33%)	13 (14.61%)	8 (8.99%)	1 (1.12%)	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%)

12. 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-2150-001, Bloomfield, Aaron S.								
Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
89	4.48	0.61	48 (53.93%)	36 (40.45%)	5 (5.62%)	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%)

13. 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-2150-001, Bloomfield, Aaron S.								
Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
91	4.67	0.58	65 (71.43%)	23 (25.27%)	2 (2.20%)	1 (1.10%)	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%)

~ QUESTIONS AND DETAILS ~

~ ANSWER MATRICES ~

14. 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-2150-001					
Total	Less than 1 (NA)	1 - 3 (NA)	4 - 6 (NA)	7 - 9 (NA)	10 or more (NA)
90	0 (0.00%)	3 (3.33%)	19 (21.11%)	22 (24.44%)	46 (51.11%)

Results for SEAS, 2000-level courses					
Total	Less than 1 (NA)	1 - 3 (NA)	4 - 6 (NA)	7 - 9 (NA)	10 or more (NA)
2670	150 (5.62%)	949 (35.54%)	1054 (39.48%)	329 (12.32%)	188 (7.04%)

15. I learned a great deal in this course.

Question Type: Likert

contributed by Office of the Provost

Results for CS-2150-001							
Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)
89	4.70	0.55	65 (73.03%)	22 (24.72%)	1 (1.12%)	1 (1.12%)	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%)

16. Overall, this was a worthwhile course.

Question Type: Likert

contributed by Office of the Provost

Results for CS-2150-001							
Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)
88	4.64	0.55	59 (67.05%)	26 (29.55%)	3 (3.41%)	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)
2666	4.19	0.95	1205 (45.20%)	982 (36.83%)	307 (11.52%)	114 (4.28%)	58 (2.18%)

17. The course's goals and requirements were defined and adhered to by the instructor.

Question Type: Likert

contributed by Office of the Provost

Results for CS-2150-001, Bloomfield, Aaron S.							
Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)
90	4.53	0.62	53 (58.89%)	33 (36.67%)	3 (3.33%)	1 (1.11%)	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)
2803	4.32	0.75	1281 (45.70%)	1238 (44.17%)	215 (7.67%)	51 (1.82%)	18 (0.64%)

18. 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-2150-001, Bloomfield, Aaron S.							
Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)
90	4.28	0.73	38 (42.22%)	41 (45.56%)	9 (10.00%)	2 (2.22%)	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%)

~ QUESTIONS AND DETAILS ~

~ ANSWER MATRICES ~

19. Overall, the instructor was an effective teacher.

~
Question Type: Likert

~
contributed by Office of the Provost

Results for CS-2150-001, Bloomfield, Aaron S.							
Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)
91	4.57	0.62	58 (63.74%)	27 (29.67%)	6 (6.59%)	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)
2823	4.16	0.98	1280 (45.34%)	986 (34.93%)	357 (12.65%)	135 (4.78%)	65 (2.30%)

20. Please make any overall comments or observations about this course:

~
Question Type: Short Answer

~
contributed by Office of the Provost

Results for CS-2150-001	
Total	Individual Answers
48	See below for Individual Results

This course was rigorous and difficult, but provided a lot of new material to learn. Some of the material feels a bit useless to learn, but I'm sure it will show up in a later course.

Time-consuming, but very rewarding course.

While I learned a lot in this class and was glad that I took it, I also think this class should be 4 credits instead of 3, given the intense workload and time required.

Great course!

The labs take a lot of time.

This class should definitely be 4 credits. Having three lectures and a mandatory lab and a lot of time expected outside of class for homework is just unreasonable for 3 credits. The homework seems a little excessive time-wise, but never felt like busy work and in retrospect has made me really prepared to move forward in the CS major.

this class should be two classes, or be worth like 8 credits. Bloomfield is awesome though.

Why'd this course have to be so hard?

While I learned a lot from the labs, I felt that the lab did very little to prepare me for the exams. Otherwise, great course. Learned a ton.

An amazing course, and Prof. Bloomfield does an excellent job at teaching it.

A lot of work but worthwhile. Perhaps students deserve more credit though.. maybe 4 credits. Dr. Bloomfield seems to have had a very hectic semester but has still been very approachable and helpful. Thank you!

SantaHatz4Lyfe

I learned so much in this class and Professor Bloomfield is a great lecturer. However, the amount of time it requires to understand the material and complete the labs is astronomical. The class should definitely be worth more credits.

Great course

Loved the video lectures, extremely helpful. The one issue I had with the class were the exams. The best way of preparing for the exam is taking the practice tests to get a feel for what kind of questions will be asked and which material will be tested, but sometimes the tests contrasted so starkly from the previous years and I thought that was quite unfair, as all the other tests seem to share similarities in material and question type.

It was a great class

This course should absolutely be a 4 credit course. That said, I learned a lot and Prof. Bloomfield was an excellent teacher.

It's ridiculous that CS2150 is only worth 3 credits, considering the absurdly large workload required for the course. I spent an average of about 15-20 hours per week for this class. The time constraints on assignments are extremely stressful. The material itself is reasonable in terms of difficult, but the assignments are significantly harder.

This course has been the most rigorous and demanding course I have taken so far. It is hard but I think it is fair and doable. I know people are scared going into this class because they hear about its difficulty, but they shouldn't be; as long as you put in the effort required to have a solid understanding of the material, everything will work out. Professor Bloomfield is an incredible professor who understands and explains the course material extremely well, while also keeping lectures interesting and engaged. He is approachable and clearly dedicates a lot of time into this course. This has been my favorite class at this university so far.

The only way that Bloomfield was ever not prepared was when he had to borrow paper to send attendance quizzes around. Bloomfield was a great professor but he is a difficult professor. All the problems he gave us were solvable in an almost reasonable amount of time. My only complaint about the class is that the lab over thanksgiving had a postlab, and there was then a prelab due the next Tuesday. This meant that we effectively had 2 "assignments" to do over thanksgiving. However, the class is constructed in such a way that if you simply cannot do one or two parts of labs you can just choose not to. I employed this tactic twice and still expect to receive an A. This is possible because of higher than average test grades and doing enough of the labs that I understood what NEEDED to be done without actually doing it.

My favorite course I've taken at UVA, I learned an incredible amount. The labs, although very time consuming, are the best way to truly grasp the material and are extremely valuable to any CS major's education. A number of things that I learned in this course helped me during interviews in the Fall, and the course is very well organized. Thank you for such a great semester!

Bloomfield is a great professor though sometimes outside help is limited.

The subject material in this class was great. I think it was hard to learn C++ and data structures in one semester. In order to try to make us learn all of this, the work outside of class was excessive. I spent most of my homework time this semester on this class.

As you have heard before, are hearing now, and will probably hear again, this class requires too much work for the credit hours given. I found myself spending an unreasonably large amount of time on this class every week relative to my other 3-credit and even 4-credit classes. One solution I can think of: make the prompts for lab assignments more concise. They are really too wordy and it's easy to miss something or get lost in the text because the specifications seem like they are always embedded in forests of relevant but unnecessary extra information. Figuring out what I needed to do for a lab was probably a third of the difficulty. I would appreciate, for example, a list within each section (prelab/inlab/postlab) outlining what needs to be done and turned in. I realize that there is a numbered list at the top, but this seemed, generally speaking, a bit too high level. You could also then embed more links to pages with more in depth information. Another gripe: exams were frustrating in that sometimes it felt like they weren't testing my general understanding of relevant subject matter, but instead kind of obscure knowledge. I learned a lot, but wish I could have learned a little bit more efficiently in this class.

This course was insanely difficult. I've had to work much harder for this course than any of the other classes I am currently taking/have ever taken. Perhaps giving more leniency in late assignments would help.

I feel that the amount of lab work required for this course makes it feel like a 4-credit course.

Interesting course overall and Professor Bloomfield is awesome, only downside is the amount of work involved really should be a 4 credit class.

What Prof. Bloomfield is doing through this course is admirable. Yes, there is more work involved relatively speaking, but that is absolutely necessary for such a course like this one. He expects more of his students, and for me personally, that helped me grow not only as a student but also as a person. Thank you, Prof. Bloomfield.

This course was hard and demanded a lot of time, but in the end I did learn a lot.

Class material was organized very well (slides, recorded lectures, example code, etc.). Bloomfield is an engaging professor and has high expectations for this course. Every second I spent on this class was a great use of my time.

Perhaps I'm an exceptionally slow worker, but the labs took me (on average) 20+ hours a week - due largely in part to unclear/convoluted lab instructions. I think that given the amount of work that goes into this course, it should be worth more than 3 credits. Overall, I enjoyed Professor Bloomfield's teaching style, and feel I learned a lot, but am ecstatic to be done with the course!

This course was one of the more difficult classes that I have taken so far in college. Not really in the fact that the material itself is difficult, rather just the time spent essentially teaching yourself and learning entirely new things week after week began to become quite a lot. The professor knew everything very well, taught the class very well, used technology to the utmost, and was generally one of the best professors I have had in regards to knowledge and friendliness. The labs were, annoying, in that you essentially were never truly 'done' with any as when you finish pre-lab you then have in-lab and after in-lab you have post-lab and after post-lab you have to go back to working on pre-lab again. It's essentially just one massive homework that you must work on with little to no breaks. The grading, at least in regards to judging 'right' from 'wrong' not necessarily curves or other such things, were fairly okay, but sometimes it seemed pretty anal about what SPECIFIC answer that they would accept on exams. I feel like they did not give as much partial credit as there should have been. Overall it was a very difficult class but I also happened to learn quite a bit at the same time. The professor was great and I would definitely say that this is a worthwhile as well as necessary part of the curriculum.

Without a doubt the most well-organized and knowledgeable, and probably overall best, professor I have ever had so far at UVA. The class was hard, and some of the labs felt unnecessarily difficult, but the grading was fair and I learned an extraordinary amount. Very satisfied with taking this class. Santa hats for life

~ QUESTIONS AND DETAILS ~

~ ANSWER MATRICES ~

This is by far one of my favorite classes I have taken at UVA so far. It was not an easy course but I feel like it is the first time I have been learning stuff I actually use at work and will continue to use forever. Very challenging, but worth it.

No wrath to vent here. The most useful CS class I've taken so far. Professor Bloomfield forces students to learn difficult material through hands-on labs.

Labs were mandatory, but nothing happened during labs that made them worth going to

Although the instructor was Amazing and explaining concepts and was very knowledgeable about subject matter, the homework assignment took up a very long time. This being said, I believe the credit hours for this course is very undervalued because the same problem has been discussed among classmates.

PDR is a very important course, because it develops important insight into how data is represented at different level, which is important in understanding how programs work. The material was taught effectively and professor Bloomfield does a good job stepping through foundational steps of how certain concepts work (especially with algorithm).

Bloomfield is an excellent speaker during all lectures. I appreciate that he takes the time to record all lectures, as we often move quickly through the slides. I understood the material much better when I was able to rewind the recorded lectures anytime I had a lapse in attention. The course material is excellent, with varying and important subjects throughout. We have plenty of resources to draw from in the course repository, and I hope everything that I learned with stick with me!

My biggest issue was not knowing exactly how to answer certain questions on the test. The class had access to previous tests but no key. I understand that this is difficult because occasionally questions are recycled. The issue is that while studying one can look over previous tests and figure out solutions and be convinced that they are correct and when the actual midterm comes they will give a wrong or incomplete answer. The other issue is with slides. The slides are very helpful but there are times when important information that is said in the lecture doesn't make it to the slide, or questions are asked on the slide that are answered in the lecture but don't make it on the slide either so for those who don't have time to listen to the lecture again they are unable to quickly obtain the information they need.

I have never learned more in a course. Hands down. This class was a challenge but it was 100% worth every hour put in. Professor Bloomfield knows so much and he explains concepts very well. He has also organized the content in a way that flows very smoothly. I don't think I've ever marked "strongly agree" for so many questions, but this was truly a spectacular course.

This was both one of the most difficult and rewarding classes I have taken at UVA. Professor Bloomfield did an exceptional job teaching this course, and I learned so much. Bravo.

I think this should be a 4 credit class since we spend a great deal of time outside of class working on the labs and the lab section itself is over an hour.

n/a

Best class i have ever taken. hands down. I wish i could learn this much from every course. Thank you so much for challenging us even though it was really hard at times i know it was worth it. The world of CS is very intimidating, coming into this class i felt like i would never be able to learn all the intricacies of CS but the breath of knowledge we covered in this course helped ease my anxiety. I love well organized courses and this is one of the best. i could go on and on but i have exams

Please wear a mic. So the sound doesn't change in volume for the recorded lectures

The lab work itself wasn't exceptionally difficult, but the program we used to do it was extremely frustrating. Virtual Box is one of the slowest, most inconvenient emulators I've ever had the displeasure of using. There were times when just submitting my work (not even doing it - just submitting it!) would take up to 2 hours, let alone the time it took to get running or get the necessary files open. I could have finished a lot of my work a lot faster if Virtual Box had cooperated.

Very valuable course, although personally I knew a great deal of the material prior to going in (from high school or internships). Prof. Bloomfield has a great diversity in and organization of lab content.