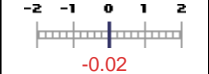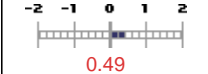# C S 216-0001 **Program Data Representation** - Spring 2009

School Of Engineering And Applied Science (402h2)

INSTRUCTORS: **Bloomfield, Aaron S. (asb2t)**

Respondents: 85 / Enrollment: 99

Summary: C S 216-0001 Program Data Representation - Spring 2009 (402h2)

Overall Course Rating

C S-216-0001 Mean 3.96
C S-216-0001 Std Dev 1.16
C S-216-0001 Response Count 425

Difference from Category Mean, Expressed in Category Standard Deviations	-2 -1 0 1 2
	-0.02

SEAS, 200-level courses Mean 3.98
SEAS, 200-level courses Std Dev 0.97
SEAS, 200-level courses Response Count 11639

Overall Instructor Rating

INSTRUCTOR: Bloomfield, Aaron S.
  Mean 4.58
  Std Dev 0.62
  Response Count 593

Difference from Category Mean, Expressed in Category Standard Deviations	-2 -1 0 1 2
	0.49

SEAS, 200-level courses Mean 4.11
SEAS, 200-level courses Std Dev 0.96
SEAS, 200-level courses Response Count 16853

~ QUESTIONS AND DETAILS ~	*~ ANSWER MATRICES ~*

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.
~
Question Type: Short Answer
~
contributed by Bloomfield, Aaron S. (asb2t)

Results for C S-216-0001, Bloomfield, Aaron S.	
Total	Individual Answers
55	*See below for Individual Results*

(These comments have been redacted, as they are not about the primary instructor)

The information in this document is private and confidential. Please handle accordingly.

~ QUESTIONS AND DETAILS ~	~ ANSWER MATRICES ~
	(These comments have been redacted, as they are not about the primary instructor)

~ QUESTIONS AND DETAILS ~	~ ANSWER MATRICES ~
	(These comments have been redacted, as they are not about the primary instructor)

2. The subject matter was challenging.
~
Question Type: Likert
~
contributed by Dean of the School of Engineering and Applied Science

Results for C S-216-0001

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
85	4.39	0.74	40 (47.06%)	42 (49.41%)	1 (1.18%)	0 (0.00%)	2 (2.35%)	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)
2330	4.13	0.81	775 (33.26%)	1199 (51.46%)	248 (10.64%)	78 (3.35%)	24 (1.03%)	6 (0.26%)

3. 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-216-0001

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
85	4.47	0.67	46 (54.12%)	35 (41.18%)	2 (2.35%)	2 (2.35%)	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)
2326	4.11	0.85	781 (33.58%)	1190 (51.16%)	216 (9.29%)	101 (4.34%)	35 (1.50%)	3 (0.13%)

~ 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 C S-216-0001

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
85	3.50	1.41	28 (32.94%)	20 (23.53%)	12 (14.12%)	14 (16.47%)	10 (11.76%)	1 (1.18%)

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)
2329	3.94	1.05	725 (31.13%)	1119 (48.05%)	207 (8.89%)	152 (6.53%)	116 (4.98%)	10 (0.43%)

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 C S-216-0001

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
85	4.44	0.76	47 (55.29%)	31 (36.47%)	5 (5.88%)	1 (1.18%)	1 (1.18%)	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)
2325	4.08	0.94	768 (33.03%)	934 (40.17%)	264 (11.35%)	79 (3.40%)	56 (2.41%)	224 (9.63%)

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 C S-216-0001

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
85	2.96	1.17	6 (7.06%)	24 (28.24%)	27 (31.76%)	13 (15.29%)	13 (15.29%)	2 (2.35%)

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)
2329	3.59	1.09	371 (15.93%)	829 (35.59%)	424 (18.21%)	197 (8.46%)	119 (5.11%)	389 (16.70%)

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 C S-216-0001, Bloomfield, Aaron S.

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
84	4.60	0.52	51 (60.71%)	32 (38.10%)	1 (1.19%)	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)
2406	4.06	0.98	877 (36.45%)	1048 (43.56%)	277 (11.51%)	130 (5.40%)	69 (2.87%)	5 (0.21%)

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 C S-216-0001, Bloomfield, Aaron S.

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
85	4.78	0.50	68 (80.00%)	16 (18.82%)	0 (0.00%)	1 (1.18%)	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)
2411	4.52	0.71	1468 (60.89%)	773 (32.06%)	103 (4.27%)	40 (1.66%)	15 (0.62%)	12 (0.50%)

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~ 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 C S-216-0001, Bloomfield, Aaron S.

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
84	4.80	0.40	67 (79.76%)	17 (20.24%)	0 (0.00%)	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)
2407	4.30	0.88	1183 (49.15%)	901 (37.43%)	182 (7.56%)	74 (3.07%)	44 (1.83%)	23 (0.96%)

10. 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-216-0001, Bloomfield, Aaron S.

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
85	4.21	0.77	32 (37.65%)	36 (42.35%)	11 (12.94%)	2 (2.35%)	0 (0.00%)	4 (4.71%)

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)
2409	4.03	0.91	765 (31.76%)	957 (39.73%)	417 (17.31%)	82 (3.40%)	39 (1.62%)	149 (6.19%)

11. The grading policy was fair.
~
Question Type: Likert
~
contributed by Dean of the School of Engineering and Applied Science

Results for C S-216-0001, Bloomfield, Aaron S.

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
85	4.46	0.70	47 (55.29%)	32 (37.65%)	4 (4.71%)	2 (2.35%)	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)
2409	3.95	0.98	735 (30.51%)	1097 (45.54%)	344 (14.28%)	152 (6.31%)	69 (2.86%)	12 (0.50%)

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 C S-216-0001, Bloomfield, Aaron S.

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
85	4.73	0.47	63 (74.12%)	21 (24.71%)	1 (1.18%)	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)
2406	4.16	0.90	962 (39.98%)	1023 (42.52%)	267 (11.10%)	90 (3.74%)	43 (1.79%)	21 (0.87%)

13. 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-216-0001, Bloomfield, Aaron S.

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
85	4.51	0.72	52 (61.18%)	26 (30.59%)	5 (5.88%)	2 (2.35%)	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)
2405	3.74	1.14	719 (29.90%)	794 (33.01%)	496 (20.62%)	253 (10.52%)	115 (4.78%)	28 (1.16%)

~ 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 C S-216-0001

Total	Less than 1 (NA)	1 - 3 (NA)	4 - 6 (NA)	7 - 9 (NA)	10 or more (NA)
84	1 (1.19%)	7 (8.33%)	27 (32.14%)	23 (27.38%)	26 (30.95%)

Results for SEAS, 200-level courses

Total	Less than 1 (NA)	1 - 3 (NA)	4 - 6 (NA)	7 - 9 (NA)	10 or more (NA)
2330	179 (7.68%)	781 (33.52%)	941 (40.39%)	273 (11.72%)	156 (6.70%)

15. I learned a great deal in this course.
~
Question Type: Likert
~
contributed by Office of the Provost

Results for C S-216-0001

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)
84	4.49	0.70	48 (57.14%)	32 (38.10%)	1 (1.19%)	3 (3.57%)	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)
2323	4.06	0.90	772 (33.23%)	1129 (48.60%)	262 (11.28%)	119 (5.12%)	41 (1.76%)

16. Overall, this was a worthwhile course.
~
Question Type: Likert
~
contributed by Office of the Provost

Results for C S-216-0001

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)
85	4.53	0.65	50 (58.82%)	32 (37.65%)	1 (1.18%)	2 (2.35%)	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)
2328	4.02	0.98	804 (34.54%)	1028 (44.16%)	305 (13.10%)	119 (5.11%)	72 (3.09%)

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 C S-216-0001, Bloomfield, Aaron S.

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)
85	4.54	0.65	50 (58.82%)	33 (38.82%)	1 (1.18%)	0 (0.00%)	1 (1.18%)

Results for SEAS, 200-level courses

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)
2395	4.15	0.80	815 (34.03%)	1259 (52.57%)	222 (9.27%)	65 (2.71%)	34 (1.42%)

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 C S-216-0001, Bloomfield, Aaron S.

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)
84	4.31	0.71	37 (44.05%)	37 (44.05%)	9 (10.71%)	1 (1.19%)	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)
2400	4.10	0.85	813 (33.88%)	1137 (47.38%)	350 (14.58%)	65 (2.71%)	35 (1.46%)

~ QUESTIONS AND DETAILS ~	~ ANSWER MATRICES ~

19. Overall, the instructor was an effective teacher.
~
Question Type: Likert
~
contributed by Office of the Provost

Results for C S-216-0001, Bloomfield, Aaron S.

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)
85	4.68	0.52	60 (70.59%)	23 (27.06%)	2 (2.35%)	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)
2411	4.02	1.04	909 (37.70%)	972 (40.32%)	293 (12.15%)	150 (6.22%)	87 (3.61%)

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

Results for C S-216-0001

Total	Individual Answers
59	*See below for Individual Results*

Good material but a lot of work for very little credit.

bloomfield is the man

Possibly the most challenging course I've taken, but very rewarding. Material was well presented overall, with the exception of a couple topics, namely make tutorials.

Overall, the course was demanding in its material but I learned a great deal!

Class was hard. Probably too much work at times, but Bloomfield is an amazing teacher! By far the best professor I've ever had. He was energetic, knew his shit, and overall fantastic. More professors should be like this guy. WOOOO!!!!

i like pie

One of the best classes i have ever taken it has given me confidence in my coding skills and i feel very knowledgable and ready to take on larger projects. Bloomfield is one of the best out there.

Hard labs, good teacher.

This course was my favorite class this semester. Although the material was hard Professor Bloomfield did a great job explaining it and finding relevant examples to show how what we were learning in class related to the real world.

The amount of work for this class was worth 4 credits, not 3.

thanks for the memories

hard class, but I actually felt that I learned something

The professor makes every effort to help students understand what is being taught in the class. While the professor's office hours may not be the most convenient for every student, he will make an attempt to meet with you at a different time that is convenient for both the student and professor.

This class had some very difficult moments (especially some of the labs) that always seemed to happen during test weeks. Very unfortunate and very frustrating.

Professor Bloomfield is an amazing instructor. He doesn't hide the fact that his class is a ton of work, but he's honest about it and is super helpful. Bloomfield made the course material entertaining, which due to its subject matter could be considered boring. Overall, a great course, but a ton of work, but it's worth it in the end with how much your learn and how much of a better computer science student you are.

Professor Bloomfield is the one of the best professors I have had at UVA. He is well prepared for every single lecture and make them interesting too. I truly appreciate the great deal of effort into his teaching. He responds well to class concerns and makes appropriate changes. Overall, a very fair and dedicated professor; I wish he could teach all of the classes I take.

Labs could have been made way more appropriate if 1) the instructions were properly written (they are WAY too verbose and it was hard to figure out exactly what we were supposed to do), and 2) if the labs didn't require such small details (like lab 10 requiring taking input with and without spaces).

~ QUESTIONS AND DETAILS ~	~ ANSWER MATRICES ~
	I suppose the difficulty is the issue in a course like this, and here's my opinion on it. This was the toughest course I took this semester by far. However, I wouldn't change a THING about the difficulty. I learned a huge amount of material in this class on dozens of topics in computer science, and it was an extremely worthwhile course to take (aside from its requirement for the cs major). Overall the material was presented at a very quick rate for a person who had a little bit of experience with c++, as was my case, but the rate kept the course challenging, not undo-able by any means. I am walking away from this course with a great deal of new knowledge that I feel will help me as I finish my cs major. Don't try to dumb the course down or make it too much easier -- its difficulty is why i feel it was so worthwhile

Professor Bloomfield was an excellent instructor. He is very excited about the subject matter which makes the class more fun and even at times when I did not find the material particular exciting, his enthusiasm kept the class enjoyable.

Despite the seemingly endless number of complaints you received throughout the semester, I thought that everything was pretty fair. Also, you handled all problems with grace, and everyone should be extremely appreciative of your flexibility and willingness to accommodate people's problems

I love the on-line materials available - slides, lectures, etc. Prof. Bloomfield seems to really care that everyone is on the same page, that things make sense, and that we have adequate circulation. Great lectures!

This course was very hard and required a large amount of time outside of class in order to get everything done but I felt that it was very worthwhile. Aaron Bloomfield was an excellent professor and I enjoyed going to every lecture because the lectures were very helpful. :)

I don't think the number of credit hours received is in keeping with the amount of time spent in the course. Lab's took hours of my time every week, and the fact that I was also taking two other classes with labs didn't help. =(

Professor Bloomfield was an excellent teacher-in fact, one of the best professors I have had.   The workload for this class is a lot, so it should be like 4 credits, but the learning curve is exponential.

The class assignments need to be restructured. Labs should only have one due date, not due dates fro prelab inlab and postlab

Bloomfield was very gracious with his grading on the labs, and was very helpful with everything. He is truly one of the better professors here, and I'm glad to be taking classes in a department with Bloomfield, Sherriff, and Weimer.

I feel like the material in this course was challenging, but very useful. At points, some of the assignments seemed to be a bit beyond what we were capable of doing at the time and/or required rather extensive periods of time to complete. Sometimes the instructions for the labs were a bit ambiguous which led to general confusion and frustration, as I'm sure was made quite clear.   One thing I would have liked different would be the requirements for the lab. I think it would be better if we were allowed to complete and submit the labs from home rather than the olsson computer lab. Most of the time, I either finished the lab at home early and walked 20 minutes to the lab, submitted my files, and then walked 20 minutes home. Basically it was a complete waste of time for me. And other times, I needed a lab extension and ended up completing the lab at home anyway. I think the lab should still be open for those who want to go in and complete the lab and ask questions of the TAs but it should not be required. I don't see what the difference is, except for actually using linux instead of a linux environment. Also, the email question asking service did not work at all. I attempted to have problems answered in this manner on two occasions (before I stopped bothering). In the first case, I had a question about one of the labs. I did not get a response for two weeks (well past the due date of the assignment), and it was not even an answer. It was a terse one line response: "i need to see your code". I managed to solve the problem by myself. The second time I had a question, I got no response at all.   Outside of the labs and assignments and such, I felt like the class itself was awesome. I think you are one of the better instructors in the department and you did a great job, in my opinion, conveying the material. I am a big fan of the lecture recordings. They were a life saver in the rare event that I accidentally overslept and missed class.   One last comment about the class material. I think that the machine/assembly code units were too short. I feel like we had to rush through it and did not get a really good grasp on the concepts as I did with the other topics. I know that the reason is to not have a whole class devoted to that, but I honestly feel like I would have benefited more from those topics rather than one unit. I am still utterly ignorant about x86. I managed to get the assignments done by a combination of guessing and sheer luck with changing things around. I got the general ideas about what to do, but I always managed to make some little mistake and debugging was absolutely awful and I could never figure out what I did wrong.

This course has too much work.

Good, but definitely tough course.

This was by far my favorite course I've taken this semester or indeed in the department thus far. I learned a LOT, everything I learned was valuable, and I didn't feel like the workload was killer, apparently unlike a lot of the other students. I thought it was just right; the amount of work was proportional to the amount learned.

Bloomfield needs to get his throat fixed because he coughs every class!!!!!!!!!! Despite this one fault, I love Bloomfield!!!!!

I thought that overall, this was an effective class. However a lot of the labs were an EXTRAORDINARY amount of work for one week.   Having lab later in week would be better because, frankly, i dont enjoy spending my weekend stressing about a huge prelab assignment. Labs should be like wed/thurs, postlabs due mon/sun ight. i just think this clss was a lot of work for three credits.

~ QUESTIONS AND DETAILS ~	~ ANSWER MATRICES ~
	This class takes a lot of time. Most of the time it's worth the pain. There are a few times where the work load is unnecessary. However, Prof Bloomfield is very organized, and is one of my favorite professors because he can teach very well, wants us all to learn the materials, and very enthusiastic about it.

He was an amazing teacher! I think I might go after a teaching award or two for him because I loved having him as my instructor! I'll be more inclined to take upper level classes that he teaches in later semesters.

None

By one of the most difficult challenges of this course is that the labs require to master some brand new material in a very quick amount of time. Therefore not only are TA office hours important, but the access to good learning resources is paramount. The specifics in regard to algorithms and data structures are covered pretty well in the Weiss book, but things like new languages and Makefiles should have much more material that simply tell you what to do and how to do it (especially when these things have to compile correctly). Some things you spent entire lectures on, other things we were suppose to catch from one sentence in a pdf. Often for prelabs I felt like I had to spend a considerable time in research because some of the material was insufficient. It's true that we have to learn things on our own, but there is a difference between creative problem-solving and not having the sufficient vocabulary or toolset with which to solve the problem. So consider just posting a higher amount of good resources for each lab, even if they seem to explain the same thing.

Sql;Injecshun()::

Fix the slides. Don't have dumb mistakes on the slides like switching definitions for pointer vs reference. If I study the slides later and the definitions are wrong, I'm memorizing the wrong thing. Also, don't get them confused in lecture. If the concept is "A = this, B = this, oh wait switch that I was wrong" then there is a very strong chance that I will not know what's going on. Also, I pulled more all-nighters in one month for this class than I did for all my other classes in all my semesters at UVA. There is too much work in this class. It's a shame because some of it was actually interesting and I wanted to work on homework long enough to get my code working, but there was always just too much of it. Also, all that documentation crap for the last lab was a waste of time and I still don't know what a makefile is.

Overly excessive level of difficulty. I spent way more time than should be acceptable for a 3 credit class, especially due to the 2 hour lab each week. The amount of work, stress, frustration, and lack of sleep was tremendous, and I'm just glad to be done with it.

Very good instructor. Challenging materials, but through the labs I learned a lot

This class had a had a lot work associated but in the end you feel that you have learned a lot and your programming skills have improved tremendously.

It has a lot of work for a class that is only three credits.

Bloomfield is the Man. In a good way.

CS 216 was the most time-consuming but also BY FAR the BEST class I have taken in e-school. I think the only reason that the class was made so much more enjoyable was because of BLOOMFIELD! I have yet to come across such an enthusiatic and dedicated professor in the e-school. If all my professors were like him, I would enjoy e-school so much more! The class had difficult material and time consuming and difficult homeworks. But I enjoyed doing the HW's because in the long run, they really helped and I believe that Bloomfield challenged us to such an extent that we are now better programmers as a whole. His recorded lectures really helped. I wish more professors had this system. In addition, I appreciate the fact that he held review sessions and held helpful office hours. He was responsive to his students in terms of grading and also sympathetic, to a well-measured extent, about our workload. His course is also very structured and defined in terms of the course material and grading. The book did not really help at all. In terms of studying for tests, I had a Bloomfield marathon running on my laptop that featured his lectures! Overall, I will miss this class next semester I dont think there can be any more improvements made to this class. It is perfect as is.

I have two major problems with this course. The first is that their seems to be no real point to the class. It doesn't seem to have an actual goal or subject really. Better goals with a more defined process would be nice. My second problem is the general lab structure. The pre,in, and post lab structure was an absolute ton of work. It was too much work for what I got out of doing it. I felt that the labs did very little to enhance my learning. It would be better if there were new subjects and less work in the pre-lab. It was hard to get the work done before lab on Tuesday. On the positive side, I like Bloomfield as a lecturer. I felt his technique for teaching was sound and I really like his recordings of the lectures matched up with the slides. They helped a great deal when trying to go back and review a subject.

Prof. Bloomfield is absolutely amazing. At this point I have had many different experiences with professors at UVA. Prof. Bloomfield goes above and beyond almost all others. Prof. Beck is probably the only other person you can really argue can compete.

Hard class with a ton of work. I felt like I was lost at some times, and the labs (even though they took 10+ hours to complete each week) didn't really correspond to the types of questions that were asked on tests.

Great class. A lot of work, but worthwhile.

~ QUESTIONS AND DETAILS ~	~ ANSWER MATRICES ~
	A good class, and a fitting gateway to all of the upper-level CS electives. I'm still not a fan of x86, but I was glad to get it here instead of somewhere further down the line. Also, the Huffman Encoding lab was nowhere near as bad as people made it out to be. The Hash Lab was indeed terrible, though. Rework is necessary-- make your goals more clear and consider simplifying the problem so that optimizations are a real possibility, not just something that we throw in at the end because they're required. Make the lab focus on testing separate chaining vs. probing strategies, not solving some puzzle. Bloomfield is amazing, knowledgeable and approachable. I only wish he made us stretch more. Bloomfield is a great professor. He is very eager to help students learn the material. Whenever I had a problem, I could go to his office hours and get help. Good job, Bloomfield! CS 216 was one of the most labor-intensive classes I have taken at UVA. I regularly spent upwards of 12 hours on the weekly assignments. Learning C++ was a pain at first. But eventually I got the hang of it. 1. Try to make the inlabs less dependent on the prelabs. 2. Don't put two long labs (or a lab with a long post lab and a lab with a hard prelab) back to back. After finishing a long or hard lab we'd like to know we are still going to have plenty of time to do the next prelab if we decide not to think about CS Saturday. 3. I do not recommend this class to anyone who has other homework intensive classes, this class is very much homework intensive (especially since almost none of the in-labs actually get done during the in-lab time limits) 4. I thought all the exams were fair, the only thing I had problems with was all the homework. Good course. Very useful and interesting material. Professor taught material in a very organized and comprehensible manner. great class Need many, many more office hours. Some assignments were great others not so much. I didn't really mind the duration of work involved but some assignments were tedious, trivial, and frustrating. Also, I'm, not sure what the point of the formal reports that were introduced as post labs during the end of the semester. Most of the learning was achieved through assignments I would hesitantly say that almost nothing was learned from the lab reports. Some of the test questions on the first test didn't test the student's understanding of the material and felt that they didn't really belong on a test. <3 Prof. Bloomfield is probably the best professor in the engineering department with (redacted) a close 2nd. The labs are insanely difficult, but force you to learn the material. I will take other classes from this professor, not because or their will be difficulty, but because he helps students accomplish the labs, homework, and more importantly, understand the material. If this school had 100 Bloomfields, UVA would be the best in the nation. This is one of the best classes I have taken at UVA thus far. Even with the sleepless nights of work and complaining, I truly enjoyed the course material presented. I know I learned a lot and I am confident in using the skills and knowledge from this class for future projects and ventures. It really encouraged me in pursuing my interest further in Computer Engineering and I have to credit this to Professor Bloomfield, who showed an excellent sense of enthusiasm and presentation of the course materials. While the labs required a ridiculous amount of time outside of class, I felt it was needed to learn the material effectively and would not recommend compromising the quality of the course for that.