

# CS 2150-102 Program & Data Representation - Fall 2012

ENGR (18485)

INSTRUCTORS: Bloomfield, Aaron S. (asb2t)

Respondents: 20 / Enrollment: 40

Summary: CS 2150-102 Program & Data Representation - Fall 2012 (18485)	
<b>Overall Course Rating</b> CS-2150-102 Mean 4.08 CS-2150-102 Std Dev 1.12 CS-2150-102 Response Count 100	<b>Overall Instructor Rating</b> INSTRUCTOR: Bloomfield, Aaron S. Mean 4.58 Std Dev 0.66 Response Count 139
Difference from Category Mean, Expressed in Category Standard Deviations 	Difference from Category Mean, Expressed in Category Standard Deviations 
SEAS, 2000-level courses Mean 4.07 SEAS, 2000-level courses Std Dev 0.97 SEAS, 2000-level courses Response Count 12847	SEAS, 2000-level courses Mean 4.11 SEAS, 2000-level courses Std Dev 0.95 SEAS, 2000-level courses Response Count 38505

~ QUESTIONS AND DETAILS ~	~ ANSWER MATRICES ~																																																						
<p><b>1. The course addressed technically rigorous subject matter consistent with the course objectives.</b></p> <p style="text-align: center;">Question Type: Likert</p> <p style="text-align: center;"><i>contributed by Dean of the School of Engineering and Applied Science</i></p>	<table border="1"> <thead> <tr> <th colspan="9">Results for CS-2150-102</th> </tr> <tr> <th>Total</th> <th>Mean</th> <th>Std Dev</th> <th>Strongly Agree (5)</th> <th>Agree (4)</th> <th>Neutral (3)</th> <th>Disagree (2)</th> <th>Strongly Disagree (1)</th> <th>Not Applicable (NA)</th> </tr> </thead> <tbody> <tr> <td>20</td> <td>4.75</td> <td>0.44</td> <td>15 (75.00%)</td> <td>5 (25.00%)</td> <td>0 (0.00%)</td> <td>0 (0.00%)</td> <td>0 (0.00%)</td> <td>0 (0.00%)</td> </tr> </tbody> </table> <table border="1"> <thead> <tr> <th colspan="9">Results for SEAS, 2000-level courses</th> </tr> <tr> <th>Total</th> <th>Mean</th> <th>Std Dev</th> <th>Strongly Agree (5)</th> <th>Agree (4)</th> <th>Neutral (3)</th> <th>Disagree (2)</th> <th>Strongly Disagree (1)</th> <th>Not Applicable (NA)</th> </tr> </thead> <tbody> <tr> <td>2574</td> <td>4.40</td> <td>0.70</td> <td>1264 (49.11%)</td> <td>1123 (43.63%)</td> <td>131 (5.09%)</td> <td>39 (1.52%)</td> <td>11 (0.43%)</td> <td>6 (0.23%)</td> </tr> </tbody> </table>	Results for CS-2150-102									Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)	20	4.75	0.44	15 (75.00%)	5 (25.00%)	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)	2574	4.40	0.70	1264 (49.11%)	1123 (43.63%)	131 (5.09%)	39 (1.52%)	11 (0.43%)	6 (0.23%)
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<p><b>2. 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.</b></p> <p style="text-align: center;">Question Type: Likert</p> <p style="text-align: center;"><i>contributed by Dean of the School of Engineering and Applied Science</i></p>	<table border="1"> <thead> <tr> <th colspan="9">Results for CS-2150-102, Bloomfield, Aaron S.</th> </tr> <tr> <th>Total</th> <th>Mean</th> <th>Std Dev</th> <th>Strongly Agree (5)</th> <th>Agree (4)</th> <th>Neutral (3)</th> <th>Disagree (2)</th> <th>Strongly Disagree (1)</th> <th>Not Applicable (NA)</th> </tr> </thead> <tbody> <tr> <td>20</td> <td>4.50</td> <td>0.69</td> <td>12 (60.00%)</td> <td>6 (30.00%)</td> <td>2 (10.00%)</td> <td>0 (0.00%)</td> <td>0 (0.00%)</td> <td>0 (0.00%)</td> </tr> </tbody> </table> <table border="1"> <thead> <tr> <th colspan="9">Results for SEAS, 2000-level courses</th> </tr> <tr> <th>Total</th> <th>Mean</th> <th>Std Dev</th> <th>Strongly Agree (5)</th> <th>Agree (4)</th> <th>Neutral (3)</th> <th>Disagree (2)</th> <th>Strongly Disagree (1)</th> <th>Not Applicable (NA)</th> </tr> </thead> <tbody> <tr> <td>5534</td> <td>3.96</td> <td>1.03</td> <td>1454 (26.27%)</td> <td>1431 (25.86%)</td> <td>792 (14.31%)</td> <td>217 (3.92%)</td> <td>128 (2.31%)</td> <td>1512 (27.32%)</td> </tr> </tbody> </table>	Results for CS-2150-102, Bloomfield, Aaron S.									Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)	20	4.50	0.69	12 (60.00%)	6 (30.00%)	2 (10.00%)	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)	5534	3.96	1.03	1454 (26.27%)	1431 (25.86%)	792 (14.31%)	217 (3.92%)	128 (2.31%)	1512 (27.32%)
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<p><b>3. There was a reasonable level of effort expected for the credit hours received.</b></p> <p style="text-align: center;">Question Type: Likert</p> <p style="text-align: center;"><i>contributed by Dean of the School of Engineering and Applied Science</i></p>	<table border="1"> <thead> <tr> <th colspan="9">Results for CS-2150-102</th> </tr> <tr> <th>Total</th> <th>Mean</th> <th>Std Dev</th> <th>Strongly Agree (5)</th> <th>Agree (4)</th> <th>Neutral (3)</th> <th>Disagree (2)</th> <th>Strongly Disagree (1)</th> <th>Not Applicable (NA)</th> </tr> </thead> <tbody> <tr> <td>20</td> <td>3.30</td> <td>1.53</td> <td>6 (30.00%)</td> <td>5 (25.00%)</td> <td>1 (5.00%)</td> <td>5 (25.00%)</td> <td>3 (15.00%)</td> <td>0 (0.00%)</td> </tr> </tbody> </table> <table border="1"> <thead> <tr> <th colspan="9">Results for SEAS, 2000-level courses</th> </tr> <tr> <th>Total</th> <th>Mean</th> <th>Std Dev</th> <th>Strongly Agree (5)</th> <th>Agree (4)</th> <th>Neutral (3)</th> <th>Disagree (2)</th> <th>Strongly Disagree (1)</th> <th>Not Applicable (NA)</th> </tr> </thead> <tbody> <tr> <td>2577</td> <td>4.15</td> <td>0.94</td> <td>1027 (39.85%)</td> <td>1156 (44.86%)</td> <td>194 (7.53%)</td> <td>126 (4.89%)</td> <td>65 (2.52%)</td> <td>9 (0.35%)</td> </tr> </tbody> </table>	Results for CS-2150-102									Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)	20	3.30	1.53	6 (30.00%)	5 (25.00%)	1 (5.00%)	5 (25.00%)	3 (15.00%)	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)	2577	4.15	0.94	1027 (39.85%)	1156 (44.86%)	194 (7.53%)	126 (4.89%)	65 (2.52%)	9 (0.35%)
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~ QUESTIONS AND DETAILS ~

~ ANSWER MATRICES ~

**4. 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-2150-102								
Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
20	4.55	0.60	12 (60.00%)	7 (35.00%)	1 (5.00%)	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)
2570	4.25	0.87	1130 (43.97%)	1020 (39.69%)	219 (8.52%)	91 (3.54%)	38 (1.48%)	72 (2.80%)

**5. 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-2150-102								
Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
20	3.62	1.26	4 (20.00%)	3 (15.00%)	4 (20.00%)	1 (5.00%)	1 (5.00%)	7 (35.00%)

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)
2568	3.54	1.18	520 (20.25%)	750 (29.21%)	488 (19.00%)	298 (11.60%)	150 (5.84%)	362 (14.10%)

**6. 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-2150-102, Bloomfield, Aaron S.								
Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
20	4.50	0.83	13 (65.00%)	5 (25.00%)	1 (5.00%)	1 (5.00%)	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)
5503	4.04	0.96	1432 (26.02%)	1571 (28.55%)	673 (12.23%)	160 (2.91%)	94 (1.71%)	1573 (28.58%)

**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 CS-2150-102, Bloomfield, Aaron S.								
Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
20	4.80	0.52	17 (85.00%)	2 (10.00%)	1 (5.00%)	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)
5503	4.34	0.88	2250 (40.89%)	1285 (23.35%)	481 (8.74%)	73 (1.33%)	74 (1.34%)	1340 (24.35%)

**8. The instructor was well prepared for class.**

Question Type: Likert

contributed by Dean of the School of Engineering and Applied Science

Results for CS-2150-102, Bloomfield, Aaron S.								
Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
20	4.80	0.41	16 (80.00%)	4 (20.00%)	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)
5490	4.22	0.90	1863 (33.93%)	1462 (26.63%)	541 (9.85%)	117 (2.13%)	67 (1.22%)	1440 (26.23%)

~ QUESTIONS AND DETAILS ~

~ ANSWER MATRICES ~

**9. 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-2150-102								
Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
20	4.00	0.82	5 (25.00%)	10 (50.00%)	3 (15.00%)	1 (5.00%)	0 (0.00%)	1 (5.00%)

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)
2558	3.94	0.93	646 (25.25%)	1007 (39.37%)	403 (15.75%)	119 (4.65%)	43 (1.68%)	340 (13.29%)

**10. The grading policy was fair.**

Question Type: Likert

contributed by Dean of the School of Engineering and Applied Science

Results for CS-2150-102, Bloomfield, Aaron S.								
Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
20	4.35	0.81	11 (55.00%)	5 (25.00%)	4 (20.00%)	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)
5497	3.95	0.96	1305 (23.74%)	1782 (32.42%)	729 (13.26%)	244 (4.44%)	94 (1.71%)	1343 (24.43%)

**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 CS-2150-102, Bloomfield, Aaron S.								
Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
19	4.53	0.70	12 (63.16%)	5 (26.32%)	2 (10.53%)	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)
5488	4.19	0.90	1736 (31.63%)	1552 (28.28%)	526 (9.58%)	111 (2.02%)	74 (1.35%)	1489 (27.13%)

**12. 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-2150-102, Bloomfield, Aaron S.								
Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
20	4.60	0.50	12 (60.00%)	8 (40.00%)	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)
5490	4.04	0.93	1386 (25.25%)	1441 (26.25%)	755 (13.75%)	146 (2.66%)	65 (1.18%)	1697 (30.91%)

**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 CS-2150-102					
Total	Less than 1 (NA)	1 - 3 (NA)	4 - 6 (NA)	7 - 9 (NA)	10 or more (NA)
20	0 (0.00%)	0 (0.00%)	3 (15.00%)	6 (30.00%)	11 (55.00%)

Results for SEAS, 2000-level courses					
Total	Less than 1 (NA)	1 - 3 (NA)	4 - 6 (NA)	7 - 9 (NA)	10 or more (NA)
2575	136 (5.28%)	892 (34.64%)	974 (37.83%)	398 (15.46%)	175 (6.80%)

~ QUESTIONS AND DETAILS ~

~ ANSWER MATRICES ~

**14. I learned a great deal in this course.**

Question Type: Likert  
 ~  
 contributed by Office of the Provost

Results for CS-2150-102							
Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)
20	4.60	0.60	13 (65.00%)	6 (30.00%)	1 (5.00%)	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)
2571	4.27	0.89	1255 (48.81%)	926 (36.02%)	261 (10.15%)	87 (3.38%)	42 (1.63%)

**15. Overall, this was a worthwhile course.**

Question Type: Likert  
 ~  
 contributed by Office of the Provost

Results for CS-2150-102							
Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)
20	4.50	0.61	11 (55.00%)	8 (40.00%)	1 (5.00%)	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)
2569	4.25	0.93	1257 (48.93%)	899 (34.99%)	263 (10.24%)	94 (3.66%)	56 (2.18%)

**16. 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-2150-102, Bloomfield, Aaron S.							
Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)
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)
5389	3.79	1.10	1637 (30.38%)	1779 (33.01%)	1538 (28.54%)	67 (1.24%)	368 (6.83%)

**17. 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-2150-102, Bloomfield, Aaron S.							
Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)
20	4.35	0.93	12 (60.00%)	4 (20.00%)	3 (15.00%)	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)
5354	3.85	1.06	1778 (33.21%)	1622 (30.30%)	1581 (29.53%)	120 (2.24%)	253 (4.73%)

**18. Overall, the instructor was an effective teacher.**

Question Type: Likert  
 ~  
 contributed by Office of the Provost

Results for CS-2150-102, Bloomfield, Aaron S.							
Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)
20	4.60	0.68	14 (70.00%)	4 (20.00%)	2 (10.00%)	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)
5360	3.80	1.08	1726 (32.20%)	1563 (29.16%)	1631 (30.43%)	173 (3.23%)	267 (4.98%)

~ QUESTIONS AND DETAILS ~

~ ANSWER MATRICES ~

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

Question Type: Short Answer

contributed by Office of the Provost

Results for CS-2150-102

Total	Individual Answers
9	See below for Individual Results

While I spent more time on this class than any other class I've taken at UVA, and while I didn't always appreciate it at the time, in retrospect I learned more in this class than any class I've taken before. Professor Bloomfield spends a lot of time planning this class and makes a very difficult course more manageable for students by being incredibly well-organized and handling any issues promptly.

I particularly enjoyed the non-report only labs

Strangely, this course was one of the hardest I've taken and yet one of the few I learned so much from. I found it difficult to follow the lectures without the use of a textbook. I bought the textbooks and found them extremely useful when covering C++ (the data structures portion was alright, your teaching was better than the textbook for that). If you're planning on not using the textbook in the future, could you at least give us handouts and pages from the books in the future? the C++ one was extremely useful and I felt that would have helped me do better on the first exam (i only bought it after i did bad on it). Overall, you're a brilliant teacher and gave me interest in CS, although that was soon lost after I spent late night hours head-banging against the wall at small c++ compile mistakes and such.

Now that I've taken 2150, I really feel like a CS major. While one of the hardest classes I've taken, 2150 has also been one of the most worthwhile. I learned so much from both the labs and lectures. The one thing that CS is often lacking in terms of engineering is the "take things apart" aspect, so I really liked how we "got under the hood" a bit more in this class. I liked Bloomfield's teaching style a lot - he kept a fast pace going through the material while still keeping humor in his lectures. He explained the concepts really well, and took advantage of the technology he was using - drawing on the slides worked well for explaining certain things. I liked his overhaul of collab - everything we needed could be found there. (Although the mobile/ipod touch version of collab doesn't render some of his tabs correctly; they show up as "Linked Tool" and don't load properly.) The uploaded lectures were very useful for reviewing and studying the material. I'm glad that this class forced us to get comfortable in a different development environment - learning to use emacs, unix, terminal, bash, etc was great exposure and super useful. Basically, almost everything in this class seems like it is very, very applicable in the real world. I would agree with Prof. Bloomfield that the class, for the amount of hours students invest in it, should be a 4 credit class, although I know the department makes it difficult to change it. Overall, thanks for a great semester!

Awesome course

Thanks for everything, Professor Bloomfield. I learned more in your class than in any other course I've taken here. You're the man!

Note: I'm going to start with the negative stuff and save the good stuff (there is some!) for the end. PLEASE PLEASE PLEASE FOR THE LOVE OF K&R either reduce the workload for this course or make it four credits (preferably both)!! Heck, split it into two courses if you want. Just do something about it! The amount of time spent on the lab assignments outside of class is LUDICROUS, and the midterm exams were absolute horrors. This class is trying to do too much in one semester, and it's painfully obvious. Throwing the Linked List lab at us when we were just beginning to learn C++ and pointer syntax was mean-spirited. I spent well over 10 hours on that lab, and I'm a good programmer. IBCM was not hard, but it did not AT ALL help with learning actual x86 assembly! They're too different - it was a waste of time! Why did all the assembly stuff fall right in the middle of the course? Why not teach us all the C++ stuff at once and then the unrelated stuff? The course seemed really disjointed: Intro to C++, then assembly/x86, THEN advanced C++? Where's the logic behind that? And why even bother with C and Objective-C when it's just one post-lab each? Either go all-in with them or, preferably, don't, since the course is trying to do too much already... Shoving proofs into the exams was just plain mean. Yes, Discrete Math is a prerequisite to this course, and I understand that, but let's be honest: Who remembers that stuff? More importantly, how many computer scientists use numerical induction and proof logic in their day-to-day jobs? I'm gonna guess, "barely any." Why put UNIX commands and Emacs shortcuts on the exams? Seriously, what's the point of that? The actual programming stuff is enough to learn, so why add more layers of complexity on top of that? I came into the course with a lot of existing UNIX experience (Ubuntu, luckily for me), so I did just fine on these parts; but a lot of people didn't, and that doesn't seem at all fair to me. The lab write-ups for the later post-labs were very tedious, and I didn't feel like I learned anything from them. "Yay! Complexity analysis!" ...said no-one ever. So basically, the curriculum needs a MAJOR revamp. Now for the good stuff. The lectures were great. Prof. Bloomfield is a very engaging/entertaining lecturer and a good explainer; that that helped tremendously. That's actually the only good thing about this course...

Not enough credit hours received for the course. Go back to 4!!

x86 and IBCM too long