CS 2150-104 **Program & Data Representation** - Fall 2012

ENGR (20030)

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

Respondents: 21 / Enrollment: 40

Summary: CS 2150-104 Program & Data Representation - Fall 2012 (20030)

Overall Course Rating

CS-2150-104 Mean 4.05
CS-2150-104 Std Dev 1.27
CS-2150-104 Response Count 104

Difference from Category Mean, Expressed in Category Standard Deviations	
	-0.02

SEAS, 2000-level courses Mean 4.07
SEAS, 2000-level courses Std Dev 0.97
SEAS, 2000-level courses Response Count 12847

Overall Instructor Rating

INSTRUCTOR: Bloomfield, Aaron S.
Mean 4.58
Std Dev 0.73
Response Count 146

Difference from Category Mean, Expressed in Category Standard Deviations	
	0.50

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 ~*

1. The course addressed technically rigorous subject matter consistent with the course objectives.
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Question Type: Likert
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contributed by Dean of the School of Engineering and Applied Science

Results for CS-2150-104

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
21	4.71	0.46	15 (71.43%)	6 (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)
2574	4.40	0.70	1264 (49.11%)	1123 (43.63%)	131 (5.09%)	39 (1.52%)	11 (0.43%)	6 (0.23%)

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.
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Question Type: Likert
~
contributed by Dean of the School of Engineering and Applied Science

Results for CS-2150-104, Bloomfield, Aaron S.

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
21	4.45	0.69	11 (52.38%)	7 (33.33%)	2 (9.52%)	0 (0.00%)	0 (0.00%)	1 (4.76%)

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%)

3. There was a reasonable level of effort expected for the credit hours received.
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Question Type: Likert
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contributed by Dean of the School of Engineering and Applied Science

Results for CS-2150-104

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
21	3.14	1.74	8 (38.10%)	2 (9.52%)	2 (9.52%)	3 (14.29%)	6 (28.57%)	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.
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Question Type: Likert
~
contributed by Dean of the School of Engineering and Applied Science

Results for CS-2150-104

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
21	4.67	0.58	15 (71.43%)	5 (23.81%)	1 (4.76%)	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.
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Question Type: Likert
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contributed by Dean of the School of Engineering and Applied Science

Results for CS-2150-104

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
21	3.33	1.40	4 (19.05%)	3 (14.29%)	4 (19.05%)	2 (9.52%)	2 (9.52%)	6 (28.57%)

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.
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Question Type: Likert
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contributed by Dean of the School of Engineering and Applied Science

Results for CS-2150-104, 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	0.76	12 (60.00%)	7 (35.00%)	0 (0.00%)	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.
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Question Type: Likert
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contributed by Dean of the School of Engineering and Applied Science

Results for CS-2150-104, Bloomfield, Aaron S.

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
21	4.76	0.44	16 (76.19%)	5 (23.81%)	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)
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.
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Question Type: Likert
~
contributed by Dean of the School of Engineering and Applied Science

Results for CS-2150-104, Bloomfield, Aaron S.

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
21	4.71	0.46	15 (71.43%)	6 (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)
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.
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Question Type: Likert
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contributed by Dean of the School of Engineering and Applied Science

Results for CS-2150-104

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
20	4.20	0.89	8 (40.00%)	10 (50.00%)	0 (0.00%)	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)	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.
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Question Type: Likert
~
contributed by Dean of the School of Engineering and Applied Science

Results for CS-2150-104, Bloomfield, Aaron S.

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
21	4.29	1.23	13 (61.90%)	5 (23.81%)	1 (4.76%)	0 (0.00%)	2 (9.52%)	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.
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Question Type: Likert
~
contributed by Dean of the School of Engineering and Applied Science

Results for CS-2150-104, Bloomfield, Aaron S.

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
21	4.67	0.48	14 (66.67%)	7 (33.33%)	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)
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.
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Question Type: Likert
~
contributed by Dean of the School of Engineering and Applied Science

Results for CS-2150-104, Bloomfield, Aaron S.

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
21	4.65	0.75	15 (71.43%)	4 (19.05%)	0 (0.00%)	1 (4.76%)	0 (0.00%)	1 (4.76%)

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:
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Question Type: Multiple Choice
~
contributed by Office of the Provost

Results for CS-2150-104

Total	Less than 1 (NA)	1 - 3 (NA)	4 - 6 (NA)	7 - 9 (NA)	10 or more (NA)
20	0 (0.00%)	1 (5.00%)	1 (5.00%)	7 (35.00%)	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-2150-104

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)
21	4.71	0.72	17 (80.95%)	3 (14.29%)	0 (0.00%)	1 (4.76%)	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-2150-104

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)
21	4.19	1.29	12 (57.14%)	6 (28.57%)	0 (0.00%)	1 (4.76%)	2 (9.52%)

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-2150-104, Bloomfield, Aaron S.

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)
21	4.71	0.56	16 (76.19%)	4 (19.05%)	1 (4.76%)	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.
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Question Type: Likert
~
contributed by Office of the Provost

Results for CS-2150-104, Bloomfield, Aaron S.

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)
21	4.48	0.75	13 (61.90%)	5 (23.81%)	3 (14.29%)	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)
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-2150-104, Bloomfield, Aaron S.

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)
21	4.76	0.54	17 (80.95%)	3 (14.29%)	1 (4.76%)	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%)

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~ QUESTIONS AND DETAILS ~	~ ANSWER MATRICES ~

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

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Question Type: Short Answer

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contributed by Office of the Provost

Results for CS-2150-104	
Total	Individual Answers
10	*See below for Individual Results*

This class had way too much work and required way too much time. This entire semester would have been a breeze had it not been for this class. Everything just took so long to do. Why were the 2-3 page lab reports even necessary when a few sentences would be ok?

Who the hell is Xi Wang? Please listen to the exam2 review audio file from 03:20 to 03:30. Thanks.

There was a lot of work but becoming proficient in C++ at the end made it worthwhile.

Is this evaluation really for the lab? Anyway, the instructor was enthusiastic, which ameliorated the effects of the soul-crushing labs, and the pseudo-Unix environment was strangely addictive to program in.

needed to rewatch several lectures because it was quite hard to keep up with someone who spoke 500 words/min grading was nitpicky, you either knew it fully or you got a zero

This has been one of my favorite, most challenging, and informative computer science classes I've taken at UVA so far. Bloomfield is frankly an awesome professor; I really enjoyed his energy and enthusiasm in lecture, which was very welcome as it helped keep me awake after the all-nighters I pulled for some of the labs in this class. I also strongly recommend that this class be counted as a 4-credit course in the future; the huge amount of work required in labs and out of class was unreasonable for a mere 3 credit hours, as I spent more time on work for this class than my other three classes this semester combined.

Bloomfield is a boss.

This class ate my life. There are tear stains on my laptop keys from this class. But I learned a lot.

Great Prof.

Tell the TAs to say something at the beginning of labs! It's otherwise silent. Like we all just happen to be gathering in the same room by chance. Just a 'welcome' will suffice.