CS 2150-102 **Program & Data Representation** - Spring 2017

ENGR (17534)

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

Respondents: 29 / Enrollment: 44

Summary: CS 2150-102 Program & Data Representation - Spring 2017 (17534)

Overall Course Rating

CS-2150-102 Mean 4.01
CS-2150-102 Std Dev 1.09
CS-2150-102 Response Count 140

SEAS, 2000-level courses Mean 4.01
SEAS, 2000-level courses Std Dev 1.04
SEAS, 2000-level courses Response Count 20529

Overall Instructor Rating

INSTRUCTOR: Bloomfield, Aaron S.
 Mean 4.45
 Std Dev 0.71
 Response Count 195

 SEAS, 2000-level courses Mean 4.29
 SEAS, 2000-level courses Std Dev 0.86
 SEAS, 2000-level courses Response Count 31834

~ 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-2150-102

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
28	4.57	0.57	17 (60.71%)	10 (35.71%)	1 (3.57%)	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)
4105	4.37	0.74	1992 (48.53%)	1723 (41.97%)	262 (6.38%)	77 (1.88%)	23 (0.56%)	28 (0.68%)

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
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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)
28	4.23	0.92	11 (39.29%)	6 (21.43%)	4 (14.29%)	1 (3.57%)	0 (0.00%)	6 (21.43%)

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)
4561	4.16	0.96	1912 (41.92%)	1735 (38.04%)	447 (9.80%)	241 (5.28%)	96 (2.10%)	130 (2.85%)

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-2150-102

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
28	3.43	1.26	8 (28.57%)	6 (21.43%)	4 (14.29%)	10 (35.71%)	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)
4114	4.10	1.01	1658 (40.30%)	1707 (41.49%)	322 (7.83%)	280 (6.81%)	128 (3.11%)	19 (0.46%)

~ QUESTIONS AND DETAILS ~	~ ANSWER MATRICES ~

4. The homework assignments helped me learn 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-2150-102

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
28	4.64	0.49	18 (64.29%)	10 (35.71%)	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)
4102	4.13	0.95	1611 (39.27%)	1555 (37.91%)	457 (11.14%)	202 (4.92%)	80 (1.95%)	197 (4.80%)

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-2150-102

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
28	3.18	1.25	2 (7.14%)	2 (7.14%)	4 (14.29%)	2 (7.14%)	1 (3.57%)	17 (60.71%)

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)
4109	3.49	1.20	650 (15.82%)	894 (21.76%)	684 (16.65%)	374 (9.10%)	221 (5.38%)	1286 (31.30%)

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-2150-102, Bloomfield, Aaron S.

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
28	4.50	0.65	15 (53.57%)	9 (32.14%)	2 (7.14%)	0 (0.00%)	0 (0.00%)	2 (7.14%)

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)
4535	4.09	0.96	1730 (38.15%)	1866 (41.15%)	500 (11.03%)	254 (5.60%)	103 (2.27%)	82 (1.81%)

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-2150-102, Bloomfield, Aaron S.

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
28	4.71	0.55	18 (64.29%)	5 (17.86%)	1 (3.57%)	0 (0.00%)	0 (0.00%)	4 (14.29%)

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)
4551	4.56	0.67	2836 (62.32%)	1365 (29.99%)	176 (3.87%)	37 (0.81%)	26 (0.57%)	111 (2.44%)

8. The instructor was well prepared for class.
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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-2150-102, Bloomfield, Aaron S.

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
28	4.60	0.50	15 (53.57%)	10 (35.71%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	3 (10.71%)

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)
4550	4.42	0.77	2416 (53.10%)	1620 (35.60%)	273 (6.00%)	86 (1.89%)	42 (0.92%)	113 (2.48%)

~ 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-2150-102

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
28	3.70	1.10	7 (25.00%)	10 (35.71%)	6 (21.43%)	3 (10.71%)	1 (3.57%)	1 (3.57%)

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)
4099	3.80	1.09	1041 (25.40%)	1389 (33.89%)	648 (15.81%)	314 (7.66%)	154 (3.76%)	553 (13.49%)

10. The grading policy was fair.
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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-2150-102, Bloomfield, Aaron S.

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
28	4.00	0.96	9 (32.14%)	11 (39.29%)	6 (21.43%)	0 (0.00%)	1 (3.57%)	1 (3.57%)

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)
4551	4.15	0.89	1755 (38.56%)	1949 (42.83%)	504 (11.07%)	192 (4.22%)	66 (1.45%)	85 (1.87%)

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-2150-102, Bloomfield, Aaron S.

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
28	4.61	0.50	14 (50.00%)	9 (32.14%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	5 (17.86%)

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)
4550	4.38	0.77	2272 (49.93%)	1759 (38.66%)	272 (5.98%)	84 (1.85%)	47 (1.03%)	116 (2.55%)

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-2150-102, Bloomfield, Aaron S.

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
27	4.52	0.51	12 (44.44%)	11 (40.74%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	4 (14.81%)

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)
4536	4.27	0.84	2019 (44.51%)	1799 (39.66%)	387 (8.53%)	136 (3.00%)	53 (1.17%)	142 (3.13%)

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-2150-102

Total	Less than 1 (NA)	1 - 3 (NA)	4 - 6 (NA)	7 - 9 (NA)	10 or more (NA)
28	0 (0.00%)	2 (7.14%)	6 (21.43%)	10 (35.71%)	10 (35.71%)

Results for SEAS, 2000-level courses

Total	Less than 1 (NA)	1 - 3 (NA)	4 - 6 (NA)	7 - 9 (NA)	10 or more (NA)
4111	350 (8.51%)	1186 (28.85%)	1536 (37.36%)	614 (14.94%)	425 (10.34%)

~ QUESTIONS AND DETAILS ~	~ ANSWER MATRICES ~

14. I learned a great deal in this course.
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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)
28	4.75	0.44	21 (75.00%)	7 (25.00%)	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)
4103	4.18	0.91	1750 (42.65%)	1673 (40.78%)	423 (10.31%)	188 (4.58%)	69 (1.68%)

15. Overall, this was a worthwhile course.
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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)
28	4.54	0.58	16 (57.14%)	11 (39.29%)	1 (3.57%)	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)
4103	4.13	0.97	1727 (42.09%)	1575 (38.39%)	492 (11.99%)	216 (5.26%)	93 (2.27%)

16. The course's goals and requirements were defined and adhered to by the instructor.
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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)
28	4.54	0.58	16 (57.14%)	11 (39.29%)	1 (3.57%)	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)
4540	4.32	0.73	1985 (43.72%)	2147 (47.29%)	303 (6.67%)	71 (1.56%)	34 (0.75%)

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)
28	4.25	0.75	12 (42.86%)	11 (39.29%)	5 (17.86%)	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)
4547	4.34	0.78	2250 (49.48%)	1760 (38.71%)	412 (9.06%)	91 (2.00%)	34 (0.75%)

18. Overall, the instructor was an effective teacher.
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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)
28	4.50	0.64	16 (57.14%)	10 (35.71%)	2 (7.14%)	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)
4560	4.22	0.93	2094 (45.92%)	1729 (37.92%)	469 (10.29%)	168 (3.68%)	100 (2.19%)

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

~ QUESTIONS AND DETAILS ~	~ ANSWER MATRICES ~

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

Results for CS-2150-102

Total	Individual Answers
10	*See below for Individual Results*

Some of the TA's would sit up at the front of the room doing work - and that's totally fine - but some wouldn't look up so some people would be raising their hands for a while before the TA noticed that someone needed help.

I am pretty sure this refers to the lab section of the course. Why are all these questions about Bloomfield here? Not that I'm against that; I'm just confused.

The lab section was helpful, especially being able to ask the TA's for assistance. The TA's are all very knowledgeable and were happy to help.

Great course. Learned a ton and it only made me love computer science more!

Why did I have to answer these twice

Good course to have gone through, was very fun in many weeks. Some weeks were hellish because of combinations of assignments from other classes piling up with this class. Lab 2 was not as bad as it was told to be, lab 6 was a nightmare overall, lab 10 was also not that bad.

I thought this was an extremely worthwhile course that really helped me learn what it takes to be a CS major.

Honestly, this eval doesn't really make sense. I feel like anything regarding the TAs should be in this eval. I feel like this doesn't really help you.

The lab course was useful and gave the experience needed to learn the material well. My only problem was that the grading guidelines were not well defined and were only expressed after the assignment had already been returned. On numerous assignments it felt that the total amount of points we could lose exceeded the total number of points possible for the assignment. (I know from reviewing the grading guidelines that this is not the case). This environment of not knowing how the assignments are graded leads to undue stress and a particular uncertainty in the requesting of regrades. This would also remove the possibility there being a situation in which a student were to turn an assignment in late because they wanted to submit a complete program and receiving a lower grade than someone who just omitted a functionality. As much as I know most of us hated the written reports, they were good practice for conveying CS knowledge in a clear way--a problem area for many SEAS::CS students.

Great class! Lab was really helpful because the TAs were right there to answer questions.