CS 2150-103 **Program & Data Representation** - Fall 2015

ENGR (17780)

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

Respondents: 27 / Enrollment: 43

Summary: CS 2150-103 Program & Data Representation - Fall 2015 (17780)

Overall Course Rating

CS-2150-103 Mean 3.94
CS-2150-103 Std Dev 1.07
CS-2150-103 Response Count 135

SEAS, 2000-level courses Mean 4.08
SEAS, 2000-level courses Std Dev 0.98
SEAS, 2000-level courses Response Count 16504

Overall Instructor Rating

INSTRUCTOR: Bloomfield, Aaron S.
  Mean 4.39
  Std Dev 0.76
  Response Count 188

  SEAS, 2000-level courses Mean 4.28
  SEAS, 2000-level courses Std Dev 0.87
  SEAS, 2000-level courses Response Count 24082

~ 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-2150-103

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
27	4.52	0.58	15 (55.56%)	11 (40.74%)	1 (3.70%)	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)
3306	4.38	0.73	1632 (49.36%)	1375 (41.59%)	216 (6.53%)	55 (1.66%)	17 (0.51%)	11 (0.33%)

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-2150-103, Bloomfield, Aaron S.

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
27	4.30	0.78	12 (44.44%)	12 (44.44%)	2 (7.41%)	1 (3.70%)	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)
3456	4.07	1.01	1361 (39.38%)	1355 (39.21%)	382 (11.05%)	218 (6.31%)	101 (2.92%)	39 (1.13%)

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-2150-103

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
27	3.15	1.46	6 (22.22%)	7 (25.93%)	4 (14.81%)	5 (18.52%)	5 (18.52%)	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)
3312	4.14	0.94	1315 (39.70%)	1478 (44.63%)	250 (7.55%)	179 (5.40%)	79 (2.39%)	11 (0.33%)

~ 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-2150-103

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
27	4.41	0.57	12 (44.44%)	14 (51.85%)	1 (3.70%)	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)
3297	4.26	0.85	1442 (43.74%)	1324 (40.16%)	274 (8.31%)	106 (3.22%)	42 (1.27%)	109 (3.31%)

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-2150-103

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
27	4.00	0.68	3 (11.11%)	8 (29.63%)	3 (11.11%)	0 (0.00%)	0 (0.00%)	13 (48.15%)

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)
3296	3.54	1.20	655 (19.87%)	839 (25.46%)	638 (19.36%)	301 (9.13%)	206 (6.25%)	657 (19.93%)

6. The course material was well organized and developed.
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Question Type: Likert
~
contributed by Dean of the School of Engineering and Applied Science

Results for CS-2150-103, Bloomfield, Aaron S.

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
27	4.44	0.70	14 (51.85%)	12 (44.44%)	0 (0.00%)	1 (3.70%)	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)
3431	4.17	0.91	1412 (41.15%)	1432 (41.74%)	349 (10.17%)	166 (4.84%)	53 (1.54%)	19 (0.55%)

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-2150-103, Bloomfield, Aaron S.

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
26	4.50	0.86	16 (61.54%)	9 (34.62%)	0 (0.00%)	0 (0.00%)	1 (3.85%)	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)
3441	4.57	0.67	2186 (63.53%)	1039 (30.19%)	144 (4.18%)	30 (0.87%)	17 (0.49%)	25 (0.73%)

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-2150-103, Bloomfield, Aaron S.

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
27	4.63	0.49	17 (62.96%)	10 (37.04%)	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)
3446	4.43	0.76	1889 (54.82%)	1238 (35.93%)	197 (5.72%)	65 (1.89%)	31 (0.90%)	26 (0.75%)

~ 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-2150-103

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
27	3.65	1.02	4 (14.81%)	14 (51.85%)	4 (14.81%)	3 (11.11%)	1 (3.70%)	1 (3.70%)

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)
3293	3.97	0.98	939 (28.52%)	1185 (35.99%)	454 (13.79%)	166 (5.04%)	75 (2.28%)	474 (14.39%)

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-2150-103, Bloomfield, Aaron S.

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
27	3.93	0.96	7 (25.93%)	14 (51.85%)	4 (14.81%)	1 (3.70%)	1 (3.70%)	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)
3443	4.19	0.88	1416 (41.13%)	1492 (43.33%)	322 (9.35%)	146 (4.24%)	52 (1.51%)	15 (0.44%)

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-2150-103, 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	0.64	16 (59.26%)	9 (33.33%)	2 (7.41%)	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)
3442	4.36	0.81	1743 (50.64%)	1317 (38.26%)	215 (6.25%)	96 (2.79%)	39 (1.13%)	32 (0.93%)

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-2150-103, Bloomfield, Aaron S.

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
27	4.44	0.70	15 (55.56%)	9 (33.33%)	3 (11.11%)	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)
3423	4.21	0.88	1448 (42.30%)	1379 (40.29%)	358 (10.46%)	114 (3.33%)	54 (1.58%)	70 (2.04%)

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-2150-103

Total	Less than 1 (NA)	1 - 3 (NA)	4 - 6 (NA)	7 - 9 (NA)	10 or more (NA)
27	0 (0.00%)	3 (11.11%)	3 (11.11%)	4 (14.81%)	17 (62.96%)

Results for SEAS, 2000-level courses

Total	Less than 1 (NA)	1 - 3 (NA)	4 - 6 (NA)	7 - 9 (NA)	10 or more (NA)
3303	208 (6.30%)	1182 (35.79%)	1240 (37.54%)	414 (12.53%)	259 (7.84%)

~ 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-2150-103

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)
27	4.30	0.99	14 (51.85%)	10 (37.04%)	1 (3.70%)	1 (3.70%)	1 (3.70%)

Results for SEAS, 2000-level courses

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)
3290	4.25	0.88	1529 (46.47%)	1262 (38.36%)	336 (10.21%)	115 (3.50%)	48 (1.46%)

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

Results for CS-2150-103

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)
26	4.23	0.71	10 (38.46%)	12 (46.15%)	4 (15.38%)	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)
3299	4.18	0.95	1491 (45.20%)	1203 (36.47%)	377 (11.43%)	162 (4.91%)	66 (2.00%)

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-2150-103, Bloomfield, Aaron S.

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)
27	4.41	0.69	13 (48.15%)	13 (48.15%)	0 (0.00%)	1 (3.70%)	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)
3436	4.38	0.71	1651 (48.05%)	1525 (44.38%)	195 (5.68%)	44 (1.28%)	21 (0.61%)

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-2150-103, Bloomfield, Aaron S.

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)
27	4.15	0.77	9 (33.33%)	14 (51.85%)	3 (11.11%)	1 (3.70%)	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)
3445	4.30	0.81	1630 (47.31%)	1350 (39.19%)	348 (10.10%)	90 (2.61%)	27 (0.78%)

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

Results for CS-2150-103, Bloomfield, Aaron S.

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)
27	4.44	0.58	13 (48.15%)	13 (48.15%)	1 (3.70%)	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)
3455	4.21	0.95	1632 (47.24%)	1232 (35.66%)	355 (10.27%)	166 (4.80%)	70 (2.03%)

~ 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-2150-103	
Total	Individual Answers
11	*See below for Individual Results*

I put in an average of 20 hours per week outside of class for this course. It should be worth at least 4 credits.

This is a lot of material, and talking to other younger CS students, the overhaul on previous CS courses will better introduce this course's material for future students. This is definitely a good thing. But it comes too late for our class.

Fantastic course.

...

nothing

Excellent course, should be worth 4 credits. Well organized, and the use of linux was valuable.If it is a 3 credit course, inlab attendance should not be required, though should be available

N/A

pro: great class learned a butt load cons: grading policy is too harsh, way too much tedious work and excessive reading on the pdr wiki / git documents.

This course was difficult and took a lot of time outside of class/labs, but the amount of material learned was worthwhile.

I learned a great deal in this course, but I wish there was more time spent on certain topics, such as Big-Theta.

Really, this class is great but I think it worth more than 3 credits. Maybe it is more reasonable to make it 4 credits!