CS 2150-107 **Program & Data Representation** - Fall 2016

ENGR (18031)

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

Respondents: 26 / Enrollment: 36

Summary: CS 2150-107 Program & Data Representation - Fall 2016 (18031)

Overall Course Rating

CS-2150-107 Mean 4.20
CS-2150-107 Std Dev 1.24
CS-2150-107 Response Count 130

SEAS, 2000-level courses Mean 4.04
SEAS, 2000-level courses Std Dev 1.01
SEAS, 2000-level courses Response Count 16316

Overall Instructor Rating

INSTRUCTOR: Bloomfield, Aaron S.
Mean 4.61
Std Dev 0.76
Response Count 179

SEAS, 2000-level courses Mean 4.26
SEAS, 2000-level courses Std Dev 0.88
SEAS, 2000-level courses Response Count 23269

~ QUESTIONS AND DETAILS ~	*~ ANSWER MATRICES ~*

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

Results for CS-2150-107

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
26	4.88	0.33	23 (88.46%)	3 (11.54%)	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)
3263	4.38	0.72	1578 (48.36%)	1403 (43.00%)	185 (5.67%)	56 (1.72%)	19 (0.58%)	22 (0.67%)

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

Results for CS-2150-107, Bloomfield, Aaron S.

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
26	4.32	1.04	14 (53.85%)	3 (11.54%)	3 (11.54%)	2 (7.69%)	0 (0.00%)	4 (15.38%)

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)
3328	4.08	1.03	1337 (40.17%)	1229 (36.93%)	373 (11.21%)	184 (5.53%)	108 (3.25%)	97 (2.91%)

3. 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 CS-2150-107

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
26	3.19	1.65	9 (34.62%)	4 (15.38%)	2 (7.69%)	5 (19.23%)	6 (23.08%)	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)
3267	4.11	1.02	1332 (40.77%)	1365 (41.78%)	237 (7.25%)	202 (6.18%)	116 (3.55%)	15 (0.46%)

~ 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-2150-107

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
26	4.69	0.84	21 (80.77%)	4 (15.38%)	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)
3260	4.25	0.86	1394 (42.76%)	1239 (38.01%)	304 (9.33%)	112 (3.44%)	36 (1.10%)	175 (5.37%)

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-2150-107

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
26	3.90	1.20	5 (19.23%)	0 (0.00%)	4 (15.38%)	1 (3.85%)	0 (0.00%)	16 (61.54%)

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)
3264	3.52	1.13	567 (17.37%)	928 (28.43%)	689 (21.11%)	343 (10.51%)	156 (4.78%)	581 (17.80%)

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-2150-107, Bloomfield, Aaron S.

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
25	4.86	0.35	19 (76.00%)	3 (12.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	3 (12.00%)

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)
3317	4.10	0.96	1307 (39.40%)	1315 (39.64%)	373 (11.25%)	206 (6.21%)	60 (1.81%)	56 (1.69%)

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-2150-107, Bloomfield, Aaron S.

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
26	4.86	0.35	19 (73.08%)	3 (11.54%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	4 (15.38%)

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)
3324	4.57	0.65	2044 (61.49%)	1025 (30.84%)	115 (3.46%)	32 (0.96%)	13 (0.39%)	95 (2.86%)

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-2150-107, Bloomfield, Aaron S.

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
26	4.77	0.43	17 (65.38%)	5 (19.23%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	4 (15.38%)

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)
3325	4.41	0.76	1713 (51.52%)	1238 (37.23%)	194 (5.83%)	60 (1.80%)	27 (0.81%)	93 (2.80%)

~ 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-2150-107

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
26	4.12	0.99	11 (42.31%)	7 (26.92%)	4 (15.38%)	2 (7.69%)	0 (0.00%)	2 (7.69%)

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)
3262	3.81	1.09	813 (24.92%)	1066 (32.68%)	481 (14.75%)	254 (7.79%)	115 (3.53%)	533 (16.34%)

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

Results for CS-2150-107, Bloomfield, Aaron S.

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
26	4.22	1.20	14 (53.85%)	4 (15.38%)	2 (7.69%)	2 (7.69%)	1 (3.85%)	3 (11.54%)

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)
3326	4.10	0.91	1217 (36.59%)	1455 (43.75%)	385 (11.58%)	168 (5.05%)	54 (1.62%)	47 (1.41%)

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-2150-107, Bloomfield, Aaron S.

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
26	4.65	0.65	17 (65.38%)	4 (15.38%)	2 (7.69%)	0 (0.00%)	0 (0.00%)	3 (11.54%)

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)
3328	4.34	0.82	1626 (48.86%)	1246 (37.44%)	227 (6.82%)	93 (2.79%)	37 (1.11%)	99 (2.97%)

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-2150-107, Bloomfield, Aaron S.

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
24	4.62	0.59	14 (58.33%)	6 (25.00%)	1 (4.17%)	0 (0.00%)	0 (0.00%)	3 (12.50%)

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)
3321	4.23	0.88	1437 (43.27%)	1293 (38.93%)	334 (10.06%)	99 (2.98%)	54 (1.63%)	104 (3.13%)

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-2150-107

Total	Less than 1 (NA)	1 - 3 (NA)	4 - 6 (NA)	7 - 9 (NA)	10 or more (NA)
26	1 (3.85%)	1 (3.85%)	3 (11.54%)	3 (11.54%)	18 (69.23%)

Results for SEAS, 2000-level courses

Total	Less than 1 (NA)	1 - 3 (NA)	4 - 6 (NA)	7 - 9 (NA)	10 or more (NA)
3270	202 (6.18%)	850 (25.99%)	1360 (41.59%)	545 (16.67%)	313 (9.57%)

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

~ 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-2150-107

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)
26	4.65	0.69	19 (73.08%)	6 (23.08%)	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)
3257	4.22	0.89	1459 (44.80%)	1290 (39.61%)	320 (9.82%)	144 (4.42%)	44 (1.35%)

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

Results for CS-2150-107

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)
26	4.50	0.99	18 (69.23%)	6 (23.08%)	0 (0.00%)	1 (3.85%)	1 (3.85%)

Results for SEAS, 2000-level courses

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)
3257	4.12	0.98	1391 (42.71%)	1201 (36.87%)	411 (12.62%)	177 (5.43%)	77 (2.36%)

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-2150-107, Bloomfield, Aaron S.

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)
26	4.54	0.95	19 (73.08%)	4 (15.38%)	2 (7.69%)	0 (0.00%)	1 (3.85%)

Results for SEAS, 2000-level courses

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)
3314	4.33	0.72	1491 (44.99%)	1519 (45.84%)	238 (7.18%)	48 (1.45%)	18 (0.54%)

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-2150-107, Bloomfield, Aaron S.

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)
26	4.31	1.12	16 (61.54%)	6 (23.08%)	1 (3.85%)	2 (7.69%)	1 (3.85%)

Results for SEAS, 2000-level courses

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)
3316	4.29	0.85	1609 (48.52%)	1221 (36.82%)	361 (10.89%)	89 (2.68%)	36 (1.09%)

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

Results for CS-2150-107, Bloomfield, Aaron S.

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)
26	4.46	0.95	17 (65.38%)	6 (23.08%)	2 (7.69%)	0 (0.00%)	1 (3.85%)

Results for SEAS, 2000-level courses

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)
3324	4.17	0.98	1494 (44.95%)	1214 (36.52%)	388 (11.67%)	136 (4.09%)	92 (2.77%)

~ 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-2150-107	
Total	Individual Answers
9	*See below for Individual Results*

Hard but worthwhile

Lab assignments were useful for learning the material. I did not like how the course made you attend lab, as it would be nice to have the freedom to do the work on my own time.

This damn class. It half killed my love for CS, half made me want to learn more.

Thank you for recording your lectures, Bloomfield. That saved my semester.

This needs to be worth more credit!!!!

I really enjoyed the class and despite the time commitment necessary, I would recommend it to anyone who likes CS.

Loved this course.

I didn't have Aaron Bloomfield as my lecturer, but I liked that his lectures were always available online. I never skipped class though, so I didn't have to watch them.

Good class, I learned a lot, but spent an incredibly large amount of time on it. 10-20 hours/week