CS 2150-101 **Program & Data Representation** - Spring 2017

ENGR (17533)

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

Respondents: 26 / Enrollment: 40

Summary: CS 2150-101 Program & Data Representation - Spring 2017 (17533)

Overall Course Rating

CS-2150-101 Mean 4.17
CS-2150-101 Std Dev 1.11
CS-2150-101 Response Count 130

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 4.31
Std Dev 0.95
Response Count 179

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-2150-101

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
26	4.64	0.57	17 (65.38%)	7 (26.92%)	1 (3.85%)	0 (0.00%)	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)	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-2150-101, Bloomfield, Aaron S.

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
25	4.14	1.15	11 (44.00%)	5 (20.00%)	3 (12.00%)	1 (4.00%)	1 (4.00%)	4 (16.00%)

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)
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-2150-101

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
26	3.72	1.43	10 (38.46%)	7 (26.92%)	2 (7.69%)	3 (11.54%)	3 (11.54%)	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)	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-2150-101

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
26	4.44	0.92	15 (57.69%)	8 (30.77%)	1 (3.85%)	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)	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-2150-101

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
26	3.75	1.49	4 (15.38%)	0 (0.00%)	3 (11.54%)	0 (0.00%)	1 (3.85%)	18 (69.23%)

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-2150-101, Bloomfield, Aaron S.

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
26	3.96	1.19	10 (38.46%)	6 (23.08%)	4 (15.38%)	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)
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
~
contributed by Dean of the School of Engineering and Applied Science

Results for CS-2150-101, Bloomfield, Aaron S.

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
26	4.73	0.55	17 (65.38%)	4 (15.38%)	1 (3.85%)	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)
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
~
contributed by Dean of the School of Engineering and Applied Science

Results for CS-2150-101, Bloomfield, Aaron S.

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
25	4.65	0.59	14 (56.00%)	5 (20.00%)	1 (4.00%)	0 (0.00%)	0 (0.00%)	5 (20.00%)

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)
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-2150-101

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
26	4.00	1.02	8 (30.77%)	11 (42.31%)	3 (11.54%)	1 (3.85%)	1 (3.85%)	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)
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
~
contributed by Dean of the School of Engineering and Applied Science

Results for CS-2150-101, Bloomfield, Aaron S.

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
26	3.83	1.09	8 (30.77%)	7 (26.92%)	7 (26.92%)	1 (3.85%)	1 (3.85%)	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)
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-2150-101, Bloomfield, Aaron S.

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
26	4.41	0.80	12 (46.15%)	8 (30.77%)	1 (3.85%)	1 (3.85%)	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)
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-2150-101, Bloomfield, Aaron S.

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
25	4.55	0.69	13 (52.00%)	5 (20.00%)	2 (8.00%)	0 (0.00%)	0 (0.00%)	5 (20.00%)

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)
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-2150-101

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%)	4 (15.38%)	6 (23.08%)	14 (53.85%)

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%)

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~ 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-2150-101

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)
26	4.54	0.99	19 (73.08%)	5 (19.23%)	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)
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-2150-101

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)
26	4.54	0.90	18 (69.23%)	6 (23.08%)	1 (3.85%)	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)
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.
~
Question Type: Likert
~
contributed by Office of the Provost

Results for CS-2150-101, Bloomfield, Aaron S.

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)
26	4.42	0.70	14 (53.85%)	9 (34.62%)	3 (11.54%)	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-2150-101, Bloomfield, Aaron S.

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)
26	4.00	1.13	12 (46.15%)	5 (19.23%)	7 (26.92%)	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)
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.
~
Question Type: Likert
~
contributed by Office of the Provost

Results for CS-2150-101, Bloomfield, Aaron S.

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)
26	4.15	1.01	12 (46.15%)	8 (30.77%)	5 (19.23%)	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)
4560	4.22	0.93	2094 (45.92%)	1729 (37.92%)	469 (10.29%)	168 (3.68%)	100 (2.19%)

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~ 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-2150-101**

Total	Individual Answers
11	*See below for Individual Results*

THe course should've been 4 credits

Some of the labs were very convoluted and made it hard to get started. However once you understood what you had to do, the labs helped a lot with understanding the material.

I did not have Bloomfield as my professor for 2150. Disregard this review.

Professor's office hours were amazing. I have never felt more comfortable approaching a professor as I did with both Floryan and Bloomfield.

More TAs, please!!!!!!!!!!!!!!!!!!!!!!!!!

With a class this big its hard for a small number of people (teachers and TAs) to be detailed checking over every assignment, but when they gloss over assignments and then fail to follow up in a timely manner, it gets EXTREMELY frustrating.

I find no inherent problems with the current structure of labs.

This was an extremely rigorous course with a workload that really complemented the work and effort that you put into it.

n/a

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Aaaagghhhuuuuggghhhhhhhh It would be fine if you could actually work with others

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