CS 4970-001 **Capstone Practicum I** - Fall 2015

ENGR (17800)

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

Respondents: 27 / Enrollment: 66

Summary: CS 4970-001 Capstone Practicum I - Fall 2015 (17800)

Overall Course Rating

CS-4970-001 Mean 4.18
CS-4970-001 Std Dev 0.85
CS-4970-001 Response Count 133

SEAS, 4000-level courses Mean 4.13
SEAS, 4000-level courses Std Dev 0.92
SEAS, 4000-level courses Response Count 9170

Overall Instructor Rating

INSTRUCTOR: Bloomfield, Aaron S.
 Mean 4.47
 Std Dev 0.66
 Response Count 188

 SEAS, 4000-level courses Mean 4.23
 SEAS, 4000-level courses Std Dev 0.91
 SEAS, 4000-level courses Response Count 14042

~ QUESTIONS AND DETAILS ~	*~ ANSWER MATRICES ~*

1. Please list any comments (pro or con) about the graduate teaching assistant here. These results will be passed onto the grad TA so that s/he will have some feedback from the course evaluations.
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Question Type: Short Answer
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contributed by Bloomfield, Aaron S. (asb2t)

Results for CS-4970-001, Bloomfield, Aaron S.	
Total	Individual Answers
17	See below for Individual Results

(answers to this question redacted since they are not about the primary instructor)

~ QUESTIONS AND DETAILS ~	~ ANSWER MATRICES ~

(answers to this question redacted since they are not about the primary instructor)

2. 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-4970-001

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
26	4.38	0.57	11 (42.31%)	14 (53.85%)	1 (3.85%)	0 (0.00%)	0 (0.00%)	0 (0.00%)

Results for SEAS, 4000-level courses

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
1831	4.32	0.76	831 (45.39%)	786 (42.93%)	134 (7.32%)	38 (2.08%)	13 (0.71%)	29 (1.58%)

3. 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-4970-001, Bloomfield, Aaron S.

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
27	4.41	0.64	13 (48.15%)	12 (44.44%)	2 (7.41%)	0 (0.00%)	0 (0.00%)	0 (0.00%)

Results for SEAS, 4000-level courses

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
2014	4.18	0.97	882 (43.79%)	696 (34.56%)	206 (10.23%)	95 (4.72%)	46 (2.28%)	89 (4.42%)

4. 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-4970-001

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
27	4.33	0.88	14 (51.85%)	10 (37.04%)	1 (3.70%)	2 (7.41%)	0 (0.00%)	0 (0.00%)

Results for SEAS, 4000-level courses

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
1838	4.26	0.83	798 (43.42%)	810 (44.07%)	128 (6.96%)	73 (3.97%)	18 (0.98%)	11 (0.60%)

5. 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-4970-001

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
26	4.12	0.77	8 (30.77%)	14 (53.85%)	3 (11.54%)	1 (3.85%)	0 (0.00%)	0 (0.00%)

Results for SEAS, 4000-level courses

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
1838	4.10	0.94	644 (35.04%)	676 (36.78%)	213 (11.59%)	90 (4.90%)	27 (1.47%)	188 (10.23%)

~ QUESTIONS AND DETAILS ~	~ ANSWER MATRICES ~

6. 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-4970-001

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
27	4.00	1.26	3 (11.11%)	1 (3.70%)	1 (3.70%)	1 (3.70%)	0 (0.00%)	21 (77.78%)

Results for SEAS, 4000-level courses

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
1836	3.68	1.11	251 (13.67%)	308 (16.78%)	240 (13.07%)	86 (4.68%)	44 (2.40%)	907 (49.40%)

7. 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-4970-001, 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	0.64	14 (51.85%)	11 (40.74%)	2 (7.41%)	0 (0.00%)	0 (0.00%)	0 (0.00%)

Results for SEAS, 4000-level courses

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
2001	4.01	1.01	696 (34.78%)	800 (39.98%)	244 (12.19%)	138 (6.90%)	52 (2.60%)	71 (3.55%)

8. 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-4970-001, Bloomfield, Aaron S.

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
27	4.56	0.58	16 (59.26%)	10 (37.04%)	1 (3.70%)	0 (0.00%)	0 (0.00%)	0 (0.00%)

Results for SEAS, 4000-level courses

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
2010	4.53	0.68	1217 (60.55%)	654 (32.54%)	89 (4.43%)	29 (1.44%)	6 (0.30%)	15 (0.75%)

9. 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-4970-001, Bloomfield, Aaron S.

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
27	4.59	0.57	17 (62.96%)	9 (33.33%)	1 (3.70%)	0 (0.00%)	0 (0.00%)	0 (0.00%)

Results for SEAS, 4000-level courses

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
2007	4.31	0.82	956 (47.63%)	756 (37.67%)	175 (8.72%)	53 (2.64%)	20 (1.00%)	47 (2.34%)

10. 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-4970-001

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
27	3.93	1.00	9 (33.33%)	10 (37.04%)	5 (18.52%)	3 (11.11%)	0 (0.00%)	0 (0.00%)

Results for SEAS, 4000-level courses

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
1827	4.05	0.92	611 (33.44%)	778 (42.58%)	256 (14.01%)	91 (4.98%)	30 (1.64%)	61 (3.34%)

~ QUESTIONS AND DETAILS ~	~ ANSWER MATRICES ~

11. 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-4970-001, Bloomfield, Aaron S.

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
26	4.15	0.88	11 (42.31%)	9 (34.62%)	5 (19.23%)	1 (3.85%)	0 (0.00%)	0 (0.00%)

Results for SEAS, 4000-level courses

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
2003	4.07	0.98	762 (38.04%)	762 (38.04%)	248 (12.38%)	130 (6.49%)	38 (1.90%)	63 (3.15%)

12. 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-4970-001, Bloomfield, Aaron S.

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
27	4.56	0.58	16 (59.26%)	10 (37.04%)	1 (3.70%)	0 (0.00%)	0 (0.00%)	0 (0.00%)

Results for SEAS, 4000-level courses

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
2004	4.30	0.88	973 (48.55%)	735 (36.68%)	156 (7.78%)	73 (3.64%)	29 (1.45%)	38 (1.90%)

13. 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-4970-001, Bloomfield, Aaron S.

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
27	4.56	0.64	17 (62.96%)	8 (29.63%)	2 (7.41%)	0 (0.00%)	0 (0.00%)	0 (0.00%)

Results for SEAS, 4000-level courses

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
2003	4.19	0.89	804 (40.14%)	805 (40.19%)	214 (10.68%)	64 (3.20%)	34 (1.70%)	82 (4.09%)

14. 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-4970-001

Total	Less than 1 (NA)	1 - 3 (NA)	4 - 6 (NA)	7 - 9 (NA)	10 or more (NA)
27	0 (0.00%)	4 (14.81%)	12 (44.44%)	8 (29.63%)	3 (11.11%)

Results for SEAS, 4000-level courses

Total	Less than 1 (NA)	1 - 3 (NA)	4 - 6 (NA)	7 - 9 (NA)	10 or more (NA)
1839	113 (6.14%)	650 (35.35%)	766 (41.65%)	238 (12.94%)	72 (3.92%)

15. I learned a great deal in this course.
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Question Type: Likert
~
contributed by Office of the Provost

Results for CS-4970-001

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)
27	4.26	0.71	11 (40.74%)	12 (44.44%)	4 (14.81%)	0 (0.00%)	0 (0.00%)

Results for SEAS, 4000-level courses

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)
1832	4.14	0.90	727 (39.68%)	781 (42.63%)	216 (11.79%)	77 (4.20%)	31 (1.69%)

~ QUESTIONS AND DETAILS ~	~ ANSWER MATRICES ~

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

Results for CS-4970-001

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)
27	4.33	0.73	13 (48.15%)	10 (37.04%)	4 (14.81%)	0 (0.00%)	0 (0.00%)

Results for SEAS, 4000-level courses

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)
1835	4.14	0.96	768 (41.85%)	728 (39.67%)	201 (10.95%)	97 (5.29%)	41 (2.23%)

17. 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-4970-001, Bloomfield, Aaron S.

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)
26	4.35	0.75	13 (50.00%)	9 (34.62%)	4 (15.38%)	0 (0.00%)	0 (0.00%)

Results for SEAS, 4000-level courses

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)
2005	4.29	0.76	856 (42.69%)	944 (47.08%)	148 (7.38%)	41 (2.04%)	16 (0.80%)

18. 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-4970-001, Bloomfield, Aaron S.

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)
27	4.63	0.63	19 (70.37%)	6 (22.22%)	2 (7.41%)	0 (0.00%)	0 (0.00%)

Results for SEAS, 4000-level courses

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)
2004	4.36	0.82	1050 (52.40%)	718 (35.83%)	168 (8.38%)	47 (2.35%)	21 (1.05%)

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

Results for CS-4970-001, Bloomfield, Aaron S.

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)
27	4.59	0.57	17 (62.96%)	9 (33.33%)	1 (3.70%)	0 (0.00%)	0 (0.00%)

Results for SEAS, 4000-level courses

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)
2013	4.21	0.93	929 (46.15%)	745 (37.01%)	221 (10.98%)	78 (3.87%)	40 (1.99%)

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

Results for CS-4970-001

Total	Individual Answers
9	See below for Individual Results

~ QUESTIONS AND DETAILS ~	~ ANSWER MATRICES ~

I have enjoyed slp this semester. My teammates were, overall, pretty easy to get along with. I feel like I did meaningful work and made meaningful contributions. Professor Bloomfield seems to know his way around the block seeing as he has done this multiple times now. He seemed very excited to be teaching this class again and to enjoy the work he puts into it. I appreciated all the opinions he took into consideration in the first few weeks when we were choosing projects. The option of moral enemies is great and the comment sections on the survey also. I enjoy the structure of the class, such as the reminders multiple times a week about what we need to complete in an iteration. The only concern that I had was the late announcement that we were not having a final. While I am glad we did not have a final project, I feel like it could have been announced a bit sooner than the last Monday of classes that we weren't having an actual final. Overall though, I look forward to next semester and working more with my group and appreciate the work and time that Professor Bloomfield and Wasi put into this course.

Professor Bloomfield is awesome and this course is well structured.

I wish, that instead of being a year-long project, we were given two semester long projects with different groups each semester. It is unfortunate that when you end up with a bad group the first semester, you have to stick with them for the next semester as well, where they will continue to not be helpful and contribute to anything. All that aside, I do feel that I'm learning quite a bit doing this project. Picking up a language that I know very little about (besides taking one class about it) was a risk, but I took it and I feel that I'm actually learning as I develop this application. While it would be better if I got more help with it, I feel that I'm already more prepared for a career in the industry which I felt was also a big goal for this class. I wish that the professor was more available outside of class - I know that 2150 takes up a large chunk of his time, but there should be a separate set of office hours just for Capstone help. This class is taking up a lot of my time and energy than I imagined because of my unfortunate situation, but hopefully we will be able to complete all the requirements by next semester's last development phase.

Great capstone

One of my favorite classes in the CS department

Excellent teacher. Always prepared, you know what to expect out of the class at all times. Wish the capstone projects were a bit more technically rigorous , something more than a glorified database and smaller groups. There needs to be more lectures on framework specific tools that you can use so that groups utilize them and actually learn something new -- as opposed to googling and seeing if there are things out there. Sometimes you just need be taught things like user authentication, security, etc. Far better class than 3240, I actually know what software development looks like now with phases, iterations, issues etc It's given me far more insight into how software works in the real world. Good intro to concepts like CI which we don't learn anywhere else. It's a good class that quite frankly everyone should take (instead of 3240). Overall, a few more lectures on features (framework specific), planning iterations, UI frameworks, scaling would be nice! The class needs an upgrade on frameworks -- Django and Cake are old and the class really needs to pick some sort of JS framework. SLP is a great opportunity to learn a new framework that you would actually utilize and Django and Cake are just not it. -------- Comments about Grad TA should be known: (please get a new one next semester) The Grad TA is not invested in the class. He is constantly late to TA meetings like 15 minutes late to a 30 minute meeting -- it's just not acceptable. During TA meetings, he focuses in on the unnecessary details and becomes fixated on those details taking away from what the group has actually done in terms of progress by pointing out faults on those small details and ignoring everything else. He is never clear on what he expects, we will get random emails saying that we didn't do this but we were never told that it was required for us to so like for unit tests. He just needs to plan and communicate his expectations better.

I think Wasi could be a little more aware of the ongoings of the course (in terms of group status, etc.) I think in general, this is a really good, industry-preparing course.

Thanks for a great semester!

There are the main issues with group projects. I would try to do work but my group mates were more skilled than I was so they would complete my tasks before I could finish and so it would seem that I didnt contribute at all