

C S 441-0001 Principles Of Software Design - Spring 2008

School Of Engineering And Applied Science (1006x)

INSTRUCTORS: Bloomfield, Aaron S. (asb2t)

Respondents: 22 / Enrollment: 33

Summary: C S 441-0001 Principles Of Software Design - Spring 2008 (1006x)	
Overall Course Rating C S-441-0001 Mean 3.93 C S-441-0001 Std Dev 0.88 C S-441-0001 Response Count 108	Overall Instructor Rating INSTRUCTOR: Bloomfield, Aaron S. Mean 4.32 Std Dev 0.64 Response Count 153
Difference from Category Mean, Expressed in Category Standard Deviations 	Difference from Category Mean, Expressed in Category Standard Deviations
SEAS, 400-level courses Mean 4.01 SEAS, 400-level courses Std Dev 0.92 SEAS, 400-level courses Response Count 5963	SEAS, 400-level courses Mean 4.27 SEAS, 400-level courses Std Dev 0.88 SEAS, 400-level courses Response Count 9096

~ QUESTIONS AND DETAILS ~	~ ANSWER MATRICES ~																																																						
<p>1. The subject matter was challenging.</p> <p style="text-align: center;">~ Question Type: Likert ~</p> <p style="text-align: center;"><i>contributed by Dean of the School of Engineering and Applied Science</i></p>	<table border="1"> <thead> <tr> <th colspan="9">Results for C S-441-0001</th> </tr> <tr> <th>Total</th> <th>Mean</th> <th>Std Dev</th> <th>Strongly Agree (5)</th> <th>Agree (4)</th> <th>Neutral (3)</th> <th>Disagree (2)</th> <th>Strongly Disagree (1)</th> <th>Not Applicable (NA)</th> </tr> </thead> <tbody> <tr> <td>22</td> <td>3.82</td> <td>0.80</td> <td>3 (13.64%)</td> <td>14 (63.64%)</td> <td>3 (13.64%)</td> <td>2 (9.09%)</td> <td>0 (0.00%)</td> <td>0 (0.00%)</td> </tr> </tbody> </table> <table border="1"> <thead> <tr> <th colspan="9">Results for SEAS, 400-level courses</th> </tr> <tr> <th>Total</th> <th>Mean</th> <th>Std Dev</th> <th>Strongly Agree (5)</th> <th>Agree (4)</th> <th>Neutral (3)</th> <th>Disagree (2)</th> <th>Strongly Disagree (1)</th> <th>Not Applicable (NA)</th> </tr> </thead> <tbody> <tr> <td>1194</td> <td>4.07</td> <td>0.83</td> <td>375 (31.41%)</td> <td>590 (49.41%)</td> <td>160 (13.40%)</td> <td>55 (4.61%)</td> <td>7 (0.59%)</td> <td>7 (0.59%)</td> </tr> </tbody> </table>	Results for C S-441-0001									Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)	22	3.82	0.80	3 (13.64%)	14 (63.64%)	3 (13.64%)	2 (9.09%)	0 (0.00%)	0 (0.00%)	Results for SEAS, 400-level courses									Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)	1194	4.07	0.83	375 (31.41%)	590 (49.41%)	160 (13.40%)	55 (4.61%)	7 (0.59%)	7 (0.59%)
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<p>2. The objectives of the course were clearly stated and accomplished.</p> <p style="text-align: center;">~ Question Type: Likert ~</p> <p style="text-align: center;"><i>contributed by Dean of the School of Engineering and Applied Science</i></p>	<table border="1"> <thead> <tr> <th colspan="9">Results for C S-441-0001</th> </tr> <tr> <th>Total</th> <th>Mean</th> <th>Std Dev</th> <th>Strongly Agree (5)</th> <th>Agree (4)</th> <th>Neutral (3)</th> <th>Disagree (2)</th> <th>Strongly Disagree (1)</th> <th>Not Applicable (NA)</th> </tr> </thead> <tbody> <tr> <td>22</td> <td>4.09</td> <td>0.61</td> <td>5 (22.73%)</td> <td>14 (63.64%)</td> <td>3 (13.64%)</td> <td>0 (0.00%)</td> <td>0 (0.00%)</td> <td>0 (0.00%)</td> </tr> </tbody> </table> <table border="1"> <thead> <tr> <th colspan="9">Results for SEAS, 400-level courses</th> </tr> <tr> <th>Total</th> <th>Mean</th> <th>Std Dev</th> <th>Strongly Agree (5)</th> <th>Agree (4)</th> <th>Neutral (3)</th> <th>Disagree (2)</th> <th>Strongly Disagree (1)</th> <th>Not Applicable (NA)</th> </tr> </thead> <tbody> <tr> <td>1191</td> <td>4.12</td> <td>0.88</td> <td>428 (35.94%)</td> <td>580 (48.70%)</td> <td>104 (8.73%)</td> <td>57 (4.79%)</td> <td>21 (1.76%)</td> <td>1 (0.08%)</td> </tr> </tbody> </table>	Results for C S-441-0001									Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)	22	4.09	0.61	5 (22.73%)	14 (63.64%)	3 (13.64%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	Results for SEAS, 400-level courses									Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)	1191	4.12	0.88	428 (35.94%)	580 (48.70%)	104 (8.73%)	57 (4.79%)	21 (1.76%)	1 (0.08%)
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<p>3. There was a reasonable level of effort expected for the credit hours received.</p> <p style="text-align: center;">~ Question Type: Likert ~</p> <p style="text-align: center;"><i>contributed by Dean of the School of Engineering and Applied Science</i></p>	<table border="1"> <thead> <tr> <th colspan="9">Results for C S-441-0001</th> </tr> <tr> <th>Total</th> <th>Mean</th> <th>Std Dev</th> <th>Strongly Agree (5)</th> <th>Agree (4)</th> <th>Neutral (3)</th> <th>Disagree (2)</th> <th>Strongly Disagree (1)</th> <th>Not Applicable (NA)</th> </tr> </thead> <tbody> <tr> <td>22</td> <td>4.27</td> <td>0.70</td> <td>8 (36.36%)</td> <td>13 (59.09%)</td> <td>0 (0.00%)</td> <td>1 (4.55%)</td> <td>0 (0.00%)</td> <td>0 (0.00%)</td> </tr> </tbody> </table> <table border="1"> <thead> <tr> <th colspan="9">Results for SEAS, 400-level courses</th> </tr> <tr> <th>Total</th> <th>Mean</th> <th>Std Dev</th> <th>Strongly Agree (5)</th> <th>Agree (4)</th> <th>Neutral (3)</th> <th>Disagree (2)</th> <th>Strongly Disagree (1)</th> <th>Not Applicable (NA)</th> </tr> </thead> <tbody> <tr> <td>1193</td> <td>4.14</td> <td>0.85</td> <td>408 (34.20%)</td> <td>626 (52.47%)</td> <td>93 (7.80%)</td> <td>34 (2.85%)</td> <td>26 (2.18%)</td> <td>6 (0.50%)</td> </tr> </tbody> </table>	Results for C S-441-0001									Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)	22	4.27	0.70	8 (36.36%)	13 (59.09%)	0 (0.00%)	1 (4.55%)	0 (0.00%)	0 (0.00%)	Results for SEAS, 400-level courses									Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)	1193	4.14	0.85	408 (34.20%)	626 (52.47%)	93 (7.80%)	34 (2.85%)	26 (2.18%)	6 (0.50%)
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~ 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 C S-441-0001								
Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
21	4.00	0.89	6 (28.57%)	11 (52.38%)	2 (9.52%)	2 (9.52%)	0 (0.00%)	0 (0.00%)

Results for SEAS, 400-level courses								
Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
1192	3.92	0.97	299 (25.08%)	502 (42.11%)	162 (13.59%)	61 (5.12%)	32 (2.68%)	136 (11.41%)

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 C S-441-0001								
Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
21	3.40	1.14	3 (14.29%)	7 (33.33%)	7 (33.33%)	1 (4.76%)	2 (9.52%)	1 (4.76%)

Results for SEAS, 400-level courses								
Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
1193	3.63	1.03	150 (12.57%)	338 (28.33%)	189 (15.84%)	75 (6.29%)	33 (2.77%)	408 (34.20%)

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 C S-441-0001, Bloomfield, Aaron S.								
Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
22	4.18	0.73	8 (36.36%)	10 (45.45%)	4 (18.18%)	0 (0.00%)	0 (0.00%)	0 (0.00%)

Results for SEAS, 400-level courses								
Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
1298	4.12	0.93	485 (37.37%)	576 (44.38%)	117 (9.01%)	61 (4.70%)	30 (2.31%)	29 (2.23%)

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 C S-441-0001, Bloomfield, Aaron S.								
Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
22	4.41	0.67	11 (50.00%)	9 (40.91%)	2 (9.09%)	0 (0.00%)	0 (0.00%)	0 (0.00%)

Results for SEAS, 400-level courses								
Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
1300	4.54	0.66	782 (60.15%)	429 (33.00%)	54 (4.15%)	7 (0.54%)	7 (0.54%)	21 (1.62%)

8. The instructor was well prepared for class.

Question Type: Likert

contributed by Dean of the School of Engineering and Applied Science

Results for C S-441-0001, Bloomfield, Aaron S.								
Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
22	4.45	0.60	11 (50.00%)	10 (45.45%)	1 (4.55%)	0 (0.00%)	0 (0.00%)	0 (0.00%)

Results for SEAS, 400-level courses								
Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
1300	4.36	0.83	659 (50.69%)	470 (36.15%)	84 (6.46%)	34 (2.62%)	18 (1.38%)	35 (2.69%)

~ QUESTIONS AND DETAILS ~

~ ANSWER MATRICES ~

9. The instructor (not Teaching Assistants) was accessible for individual assistance.

Question Type: Likert

contributed by Dean of the School of Engineering and Applied Science

Results for C S-441-0001, Bloomfield, Aaron S.								
Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
22	4.30	0.66	8 (36.36%)	10 (45.45%)	2 (9.09%)	0 (0.00%)	0 (0.00%)	2 (9.09%)

Results for SEAS, 400-level courses								
Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
1304	4.32	0.85	636 (48.77%)	442 (33.90%)	118 (9.05%)	33 (2.53%)	16 (1.23%)	59 (4.52%)

10. The grading policy was fair.

Question Type: Likert

contributed by Dean of the School of Engineering and Applied Science

Results for C S-441-0001, Bloomfield, Aaron S.								
Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
22	4.36	0.58	9 (40.91%)	12 (54.55%)	1 (4.55%)	0 (0.00%)	0 (0.00%)	0 (0.00%)

Results for SEAS, 400-level courses								
Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
1300	4.15	0.90	486 (37.38%)	560 (43.08%)	130 (10.00%)	49 (3.77%)	24 (1.85%)	51 (3.92%)

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 C S-441-0001, Bloomfield, Aaron S.								
Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
21	4.43	0.51	9 (42.86%)	12 (57.14%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)

Results for SEAS, 400-level courses								
Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
1296	4.39	0.73	623 (48.07%)	547 (42.21%)	55 (4.24%)	25 (1.93%)	10 (0.77%)	36 (2.78%)

12. As a teacher, this instructor was better than most others in this School.

Question Type: Likert

contributed by Dean of the School of Engineering and Applied Science

Results for C S-441-0001, Bloomfield, Aaron S.								
Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
22	4.14	0.71	7 (31.82%)	11 (50.00%)	4 (18.18%)	0 (0.00%)	0 (0.00%)	0 (0.00%)

Results for SEAS, 400-level courses								
Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
1298	4.00	1.05	496 (38.21%)	441 (33.98%)	208 (16.02%)	79 (6.09%)	43 (3.31%)	31 (2.39%)

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 C S-441-0001					
Total	Less than 1 (NA)	1 - 3 (NA)	4 - 6 (NA)	7 - 9 (NA)	10 or more (NA)
22	0 (0.00%)	6 (27.27%)	14 (63.64%)	2 (9.09%)	0 (0.00%)

Results for SEAS, 400-level courses					
Total	Less than 1 (NA)	1 - 3 (NA)	4 - 6 (NA)	7 - 9 (NA)	10 or more (NA)
1195	66 (5.52%)	480 (40.17%)	424 (35.48%)	138 (11.55%)	87 (7.28%)

~ 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 C S-441-0001							
Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)
22	3.95	0.84	5 (22.73%)	13 (59.09%)	2 (9.09%)	2 (9.09%)	0 (0.00%)

Results for SEAS, 400-level courses							
Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)
1186	4.06	0.91	404 (34.06%)	553 (46.63%)	145 (12.23%)	65 (5.48%)	19 (1.60%)

15. Overall, this was a worthwhile course.

~
Question Type: Likert
~
contributed by Office of the Provost

Results for C S-441-0001							
Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)
22	3.82	0.96	5 (22.73%)	11 (50.00%)	3 (13.64%)	3 (13.64%)	0 (0.00%)

Results for SEAS, 400-level courses							
Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)
1192	4.12	0.95	471 (39.51%)	511 (42.87%)	127 (10.65%)	51 (4.28%)	32 (2.68%)

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 C S-441-0001, Bloomfield, Aaron S.							
Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)
22	4.23	0.61	7 (31.82%)	13 (59.09%)	2 (9.09%)	0 (0.00%)	0 (0.00%)

Results for SEAS, 400-level courses							
Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)
1300	4.17	0.83	477 (36.69%)	642 (49.38%)	117 (9.00%)	49 (3.77%)	15 (1.15%)

17. 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 C S-441-0001, Bloomfield, Aaron S.							
Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)
22	4.18	0.73	8 (36.36%)	10 (45.45%)	4 (18.18%)	0 (0.00%)	0 (0.00%)

Results for SEAS, 400-level courses							
Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)
1297	4.31	0.82	632 (48.73%)	493 (38.01%)	130 (10.02%)	28 (2.16%)	14 (1.08%)

18. Overall, the instructor was an effective teacher.

~
Question Type: Likert
~
contributed by Office of the Provost

Results for C S-441-0001, Bloomfield, Aaron S.							
Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)
22	4.27	0.63	8 (36.36%)	12 (54.55%)	2 (9.09%)	0 (0.00%)	0 (0.00%)

Results for SEAS, 400-level courses							
Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)
1301	4.17	0.95	565 (43.43%)	512 (39.35%)	138 (10.61%)	54 (4.15%)	32 (2.46%)

~ 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 C S-441-0001

Total	Individual Answers
5	<i>See below for Individual Results</i>

I thought this class was pretty useful. I found it hard to understand the design patterns in lecture, but after reviewing them in slides and on Wikipedia they made sense. I wish instead of one big project there were a lot of little homeworks that forced us to use design patterns. The tests involved a little too much memorization for my tastes.

I would have really enjoyed more homeworks with a shorter timespan. I would have liked more reference for design patterns. What are the alternatives? Why are we using these design patterns?

The assignments were returned a bit on the slow side, but I think it is because the TA left during the middle of the semester. Professor Bloomfield handled the situation pretty well.

The material presented in this course greatly impressed an interviewer in the field of IT consulting.

The instructor was excellent, but the class material was so boring. The instructor knew that the material was boring and tried to make the lectures more exciting. I enjoyed going to talks instead of holding class on a given day. The general discussions held in the class were fun but again the lecture material was dry. I don't know if I really learned a lot in the course because the tests were pure regurgitation from the slides.