

CS 6610-001 Programming Languages - Fall 2011

ENGR (20594)

INSTRUCTORS: Weimer, Westley (wrw6y)

Respondents: 11 / Enrollment: 26

Summary: CS 6610-001 Programming Languages - Fall 2011 (20594)	
Overall Course Rating CS-6610-001 Mean 4.40 CS-6610-001 Std Dev 0.91 CS-6610-001 Response Count 55	Overall Instructor Rating INSTRUCTOR: Weimer, Westley Mean 4.87 Std Dev 0.38 Response Count 77
Difference from Category Mean, Expressed in Category Standard Deviations 	Difference from Category Mean, Expressed in Category Standard Deviations
SEAS, 6000-level courses Mean 4.23 SEAS, 6000-level courses Std Dev 0.86 SEAS, 6000-level courses Response Count 2108	SEAS, 6000-level courses Mean 4.39 SEAS, 6000-level courses Std Dev 0.80 SEAS, 6000-level courses Response Count 3063

~ QUESTIONS AND DETAILS ~	~ ANSWER MATRICES ~																																																						
<p>1. The course addressed technically rigorous subject matter consistent with the course objectives.</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 CS-6610-001</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>11</td> <td>4.91</td> <td>0.30</td> <td>10 (90.91%)</td> <td>1 (9.09%)</td> <td>0 (0.00%)</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, 6000-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>423</td> <td>4.49</td> <td>0.68</td> <td>241 (56.97%)</td> <td>149 (35.22%)</td> <td>24 (5.67%)</td> <td>5 (1.18%)</td> <td>1 (0.24%)</td> <td>3 (0.71%)</td> </tr> </tbody> </table>	Results for CS-6610-001									Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)	11	4.91	0.30	10 (90.91%)	1 (9.09%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	Results for SEAS, 6000-level courses									Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)	423	4.49	0.68	241 (56.97%)	149 (35.22%)	24 (5.67%)	5 (1.18%)	1 (0.24%)	3 (0.71%)
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<p>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.</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 CS-6610-001, Weimer, Westley</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>11</td> <td>4.64</td> <td>0.67</td> <td>8 (72.73%)</td> <td>2 (18.18%)</td> <td>1 (9.09%)</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, 6000-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>438</td> <td>4.12</td> <td>1.00</td> <td>188 (42.92%)</td> <td>147 (33.56%)</td> <td>46 (10.50%)</td> <td>36 (8.22%)</td> <td>6 (1.37%)</td> <td>15 (3.42%)</td> </tr> </tbody> </table>	Results for CS-6610-001, Weimer, Westley									Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)	11	4.64	0.67	8 (72.73%)	2 (18.18%)	1 (9.09%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	Results for SEAS, 6000-level courses									Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)	438	4.12	1.00	188 (42.92%)	147 (33.56%)	46 (10.50%)	36 (8.22%)	6 (1.37%)	15 (3.42%)
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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 CS-6610-001</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>11</td> <td>4.27</td> <td>0.90</td> <td>5 (45.45%)</td> <td>5 (45.45%)</td> <td>0 (0.00%)</td> <td>1 (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, 6000-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>422</td> <td>4.31</td> <td>0.75</td> <td>186 (44.08%)</td> <td>192 (45.50%)</td> <td>28 (6.64%)</td> <td>11 (2.61%)</td> <td>2 (0.47%)</td> <td>3 (0.71%)</td> </tr> </tbody> </table>	Results for CS-6610-001									Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)	11	4.27	0.90	5 (45.45%)	5 (45.45%)	0 (0.00%)	1 (9.09%)	0 (0.00%)	0 (0.00%)	Results for SEAS, 6000-level courses									Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)	422	4.31	0.75	186 (44.08%)	192 (45.50%)	28 (6.64%)	11 (2.61%)	2 (0.47%)	3 (0.71%)
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11	4.27	0.90	5 (45.45%)	5 (45.45%)	0 (0.00%)	1 (9.09%)	0 (0.00%)	0 (0.00%)																																															
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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 CS-6610-001								
Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
11	4.91	0.30	10 (90.91%)	1 (9.09%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)

Results for SEAS, 6000-level courses								
Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
421	4.30	0.86	202 (47.98%)	161 (38.24%)	29 (6.89%)	17 (4.04%)	5 (1.19%)	7 (1.66%)

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-6610-001								
Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
11	3.91	0.94	3 (27.27%)	5 (45.45%)	2 (18.18%)	1 (9.09%)	0 (0.00%)	0 (0.00%)

Results for SEAS, 6000-level courses								
Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
421	3.91	1.00	112 (26.60%)	135 (32.07%)	78 (18.53%)	18 (4.28%)	10 (2.38%)	68 (16.15%)

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-6610-001, Weimer, Westley								
Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
11	4.91	0.30	10 (90.91%)	1 (9.09%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)

Results for SEAS, 6000-level courses								
Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
437	4.27	0.85	199 (45.54%)	173 (39.59%)	37 (8.47%)	19 (4.35%)	3 (0.69%)	6 (1.37%)

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-6610-001, Weimer, Westley								
Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
11	4.91	0.30	10 (90.91%)	1 (9.09%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)

Results for SEAS, 6000-level courses								
Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
438	4.70	0.53	319 (72.83%)	101 (23.06%)	13 (2.97%)	1 (0.23%)	0 (0.00%)	4 (0.91%)

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-6610-001, Weimer, Westley								
Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
11	5.00	0.00	11 (100.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)

Results for SEAS, 6000-level courses								
Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
438	4.49	0.75	265 (60.50%)	129 (29.45%)	30 (6.85%)	5 (1.14%)	4 (0.91%)	5 (1.14%)

~ 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-6610-001								
Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
11	3.89	1.27	4 (36.36%)	2 (18.18%)	1 (9.09%)	2 (18.18%)	0 (0.00%)	2 (18.18%)

Results for SEAS, 6000-level courses								
Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
421	4.03	0.87	107 (25.42%)	152 (36.10%)	55 (13.06%)	16 (3.80%)	3 (0.71%)	88 (20.90%)

10. The grading policy was fair.

Question Type: Likert

contributed by Dean of the School of Engineering and Applied Science

Results for CS-6610-001, Weimer, Westley								
Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
11	4.82	0.40	9 (81.82%)	2 (18.18%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)

Results for SEAS, 6000-level courses								
Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
439	4.33	0.76	200 (45.56%)	171 (38.95%)	37 (8.43%)	11 (2.51%)	1 (0.23%)	19 (4.33%)

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-6610-001, Weimer, Westley								
Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
11	5.00	0.00	11 (100.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)

Results for SEAS, 6000-level courses								
Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
436	4.57	0.66	277 (63.53%)	132 (30.28%)	15 (3.44%)	7 (1.61%)	1 (0.23%)	4 (0.92%)

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-6610-001, Weimer, Westley								
Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
11	4.82	0.40	9 (81.82%)	2 (18.18%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)

Results for SEAS, 6000-level courses								
Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
437	4.22	0.83	178 (40.73%)	165 (37.76%)	60 (13.73%)	8 (1.83%)	4 (0.92%)	22 (5.03%)

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-6610-001					
Total	Less than 1 (NA)	1 - 3 (NA)	4 - 6 (NA)	7 - 9 (NA)	10 or more (NA)
11	0 (0.00%)	0 (0.00%)	3 (27.27%)	8 (72.73%)	0 (0.00%)

Results for SEAS, 6000-level courses					
Total	Less than 1 (NA)	1 - 3 (NA)	4 - 6 (NA)	7 - 9 (NA)	10 or more (NA)
422	31 (7.35%)	106 (25.12%)	162 (38.39%)	85 (20.14%)	38 (9.00%)

~ 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-6610-001							
Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)
11	4.73	0.47	8 (72.73%)	3 (27.27%)	0 (0.00%)	0 (0.00%)	0 (0.00%)

Results for SEAS, 6000-level courses							
Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)
421	4.28	0.81	191 (45.37%)	173 (41.09%)	41 (9.74%)	14 (3.33%)	2 (0.48%)

15. Overall, this was a worthwhile course.

Question Type: Likert
 ~
 contributed by Office of the Provost

Results for CS-6610-001							
Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)
11	4.73	0.65	9 (81.82%)	1 (9.09%)	1 (9.09%)	0 (0.00%)	0 (0.00%)

Results for SEAS, 6000-level courses							
Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)
420	4.33	0.85	215 (51.19%)	150 (35.71%)	37 (8.81%)	13 (3.10%)	5 (1.19%)

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-6610-001, Weimer, Westley							
Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)
9	5.00	0.00	9 (100.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)

Results for SEAS, 6000-level courses							
Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)
435	4.41	0.74	225 (51.72%)	179 (41.15%)	20 (4.60%)	7 (1.61%)	4 (0.92%)

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-6610-001, Weimer, Westley							
Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)
11	4.91	0.30	10 (90.91%)	1 (9.09%)	0 (0.00%)	0 (0.00%)	0 (0.00%)

Results for SEAS, 6000-level courses							
Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)
438	4.49	0.71	259 (59.13%)	143 (32.65%)	29 (6.62%)	5 (1.14%)	2 (0.46%)

18. Overall, the instructor was an effective teacher.

Question Type: Likert
 ~
 contributed by Office of the Provost

Results for CS-6610-001, Weimer, Westley							
Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)
11	4.82	0.40	9 (81.82%)	2 (18.18%)	0 (0.00%)	0 (0.00%)	0 (0.00%)

Results for SEAS, 6000-level courses							
Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)
439	4.39	0.82	244 (55.58%)	142 (32.35%)	37 (8.43%)	13 (2.96%)	3 (0.68%)

~ 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-6610-001	
Total	Individual Answers
7	See below for Individual Results

Very difficult course and heavy on the greek/mathy parts. Very interesting however and fast paced (arguably in a good way).

tough course, greatest professor ever

Some of the questions on this evaluation seems pointless: i mean, things like "active learning" or "used technology" -- it is entirely reasonable for a course to be very effective without any of those. They should not reflect on how "good" the course was

Wes Weimer is by far the most effective professor I have had at UVA. The material/class was very difficult, but Professor Weimer did everything possible to make it consumable. I hope every student has the good fortune to take a class with him during his/her time at UVA.

One of the best (maybe just THE best course) courses I have taken here at UVA grad school! Thanks a lot Wes!

Professor Weimer was very effective in keeping his audience excited about the course contents. Most of the lectures are very clear and interesting. Some lectures for more advanced topics sound much more obscure to me, including Continuations, Automated Theorem Proving and Proof Checking, Automated Theorem Proving and Proof Checking, Recursive Types and Subtyping. For example, I still feel vague about the notion and importance of the fixed point theorem. Understandably there are more advanced concepts the instructor wants us to know about but hasn't got enough time to elaborate on. About 1/3 of the lectures (mostly later ones) won't benefit us very much unless significant efforts are spent outside class, like talking to the lecturer in his office hours. Unfortunately, I feel the student-led make-up lectures were a bit waste of time to the audience, although it could be valuable experience for the student guest lecturer.

This is an extremely challenging course for those who do not have a mathematically rigorous background. However, the well organized content of the class and the worthwhile assignments can be a great opportunity to pick up some fun-skills. Also, the criticisms made on the assignments are extremely valuable and clearly stated. Corrections on prose, presentation of content on the final project are very helpful for those who are new to grad-school. Overall -- an exhilarating, fruitful experience