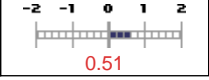
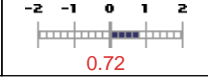


# CS 4610-1 Programming Languages - Fall 2009

ENGR (34294)

INSTRUCTORS: Weimer, Westley (wrw6y)

Respondents: 18 / Enrollment: 26

Summary: CS 4610-1 Programming Languages - Fall 2009 (34294)	
<p><b>Overall Course Rating</b></p> <p>CS-4610-1 Mean 4.46                      CS-4610-1 Std Dev 0.87                      CS-4610-1 Response Count 90</p>	<p><b>Overall Instructor Rating</b></p> <p>INSTRUCTOR: Weimer, Westley                      Mean 4.83                      Std Dev 0.44                      Response Count 126</p>
<p>Difference from Category Mean, Expressed in Category Standard Deviations</p> 	<p>Difference from Category Mean, Expressed in Category Standard Deviations</p> 
<p>SEAS, 4000-level courses Mean 3.98                      SEAS, 4000-level courses Std Dev 0.93                      SEAS, 4000-level courses Response Count 8790</p>	<p>SEAS, 4000-level courses Mean 4.16                      SEAS, 4000-level courses Std Dev 0.92                      SEAS, 4000-level courses Response Count 14115</p>

~ QUESTIONS AND DETAILS ~	~ ANSWER MATRICES ~																																																						
<p><b>1. The subject matter was challenging.</b></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" style="width: 100%; border-collapse: collapse;"> <thead> <tr style="background-color: #1a3a7a; color: white;"> <th colspan="9">Results for CS-4610-1</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>18</td> <td>4.78</td> <td>0.43</td> <td>14 (77.78%)</td> <td>4 (22.22%)</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" style="width: 100%; border-collapse: collapse;"> <thead> <tr style="background-color: #d9d9d9;"> <th colspan="9">Results for SEAS, 4000-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>1761</td> <td>4.02</td> <td>0.83</td> <td>488 (27.71%)</td> <td>896 (50.88%)</td> <td>255 (14.48%)</td> <td>77 (4.37%)</td> <td>17 (0.97%)</td> <td>28 (1.59%)</td> </tr> </tbody> </table>	Results for CS-4610-1									Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)	18	4.78	0.43	14 (77.78%)	4 (22.22%)	0 (0.00%)	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)	1761	4.02	0.83	488 (27.71%)	896 (50.88%)	255 (14.48%)	77 (4.37%)	17 (0.97%)	28 (1.59%)
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<p><b>2. The objectives of the course were clearly stated and accomplished.</b></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" style="width: 100%; border-collapse: collapse;"> <thead> <tr style="background-color: #1a3a7a; color: white;"> <th colspan="9">Results for CS-4610-1</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>18</td> <td>4.89</td> <td>0.32</td> <td>16 (88.89%)</td> <td>2 (11.11%)</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" style="width: 100%; border-collapse: collapse;"> <thead> <tr style="background-color: #d9d9d9;"> <th colspan="9">Results for SEAS, 4000-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>1759</td> <td>4.08</td> <td>0.89</td> <td>604 (34.34%)</td> <td>824 (46.84%)</td> <td>209 (11.88%)</td> <td>86 (4.89%)</td> <td>26 (1.48%)</td> <td>10 (0.57%)</td> </tr> </tbody> </table>	Results for CS-4610-1									Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)	18	4.89	0.32	16 (88.89%)	2 (11.11%)	0 (0.00%)	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)	1759	4.08	0.89	604 (34.34%)	824 (46.84%)	209 (11.88%)	86 (4.89%)	26 (1.48%)	10 (0.57%)
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<p><b>3. There was a reasonable level of effort expected for the credit hours received.</b></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" style="width: 100%; border-collapse: collapse;"> <thead> <tr style="background-color: #1a3a7a; color: white;"> <th colspan="9">Results for CS-4610-1</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>18</td> <td>4.44</td> <td>0.92</td> <td>12 (66.67%)</td> <td>3 (16.67%)</td> <td>2 (11.11%)</td> <td>1 (5.56%)</td> <td>0 (0.00%)</td> <td>0 (0.00%)</td> </tr> </tbody> </table> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr style="background-color: #d9d9d9;"> <th colspan="9">Results for SEAS, 4000-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>1755</td> <td>4.04</td> <td>0.92</td> <td>561 (31.97%)</td> <td>868 (49.46%)</td> <td>183 (10.43%)</td> <td>101 (5.75%)</td> <td>36 (2.05%)</td> <td>6 (0.34%)</td> </tr> </tbody> </table>	Results for CS-4610-1									Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)	18	4.44	0.92	12 (66.67%)	3 (16.67%)	2 (11.11%)	1 (5.56%)	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)	1755	4.04	0.92	561 (31.97%)	868 (49.46%)	183 (10.43%)	101 (5.75%)	36 (2.05%)	6 (0.34%)
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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-4610-1								
Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
18	4.67	0.69	14 (77.78%)	2 (11.11%)	2 (11.11%)	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)
1756	4.02	0.94	523 (29.78%)	700 (39.86%)	222 (12.64%)	84 (4.78%)	35 (1.99%)	192 (10.93%)

**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-4610-1								
Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
18	3.47	1.01	3 (16.67%)	5 (27.78%)	6 (33.33%)	3 (16.67%)	0 (0.00%)	1 (5.56%)

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)
1759	3.55	1.09	170 (9.66%)	319 (18.14%)	231 (13.13%)	90 (5.12%)	48 (2.73%)	901 (51.22%)

**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-4610-1, Weimer, Westley								
Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
18	4.94	0.24	17 (94.44%)	1 (5.56%)	0 (0.00%)	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	4.04	0.96	679 (33.71%)	888 (44.09%)	243 (12.07%)	94 (4.67%)	58 (2.88%)	52 (2.58%)

**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-4610-1, Weimer, Westley								
Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
18	4.94	0.24	17 (94.44%)	1 (5.56%)	0 (0.00%)	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)
2022	4.46	0.74	1121 (55.44%)	684 (33.83%)	110 (5.44%)	34 (1.68%)	13 (0.64%)	60 (2.97%)

**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-4610-1, Weimer, Westley								
Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
18	4.94	0.24	17 (94.44%)	1 (5.56%)	0 (0.00%)	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)
2016	4.27	0.85	906 (44.94%)	768 (38.10%)	180 (8.93%)	61 (3.03%)	24 (1.19%)	77 (3.82%)

~ 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 CS-4610-1, Weimer, Westley								
Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
18	4.72	0.46	13 (72.22%)	5 (27.78%)	0 (0.00%)	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)
2016	4.14	0.94	772 (38.29%)	735 (36.46%)	238 (11.81%)	72 (3.57%)	44 (2.18%)	155 (7.69%)

**10. The grading policy was fair.**

Question Type: Likert

contributed by Dean of the School of Engineering and Applied Science

Results for CS-4610-1, Weimer, Westley								
Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
18	4.61	0.50	11 (61.11%)	7 (38.89%)	0 (0.00%)	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)
2016	4.08	0.88	657 (32.59%)	901 (44.69%)	260 (12.90%)	81 (4.02%)	29 (1.44%)	88 (4.37%)

**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-4610-1, Weimer, Westley								
Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
18	4.83	0.51	16 (88.89%)	1 (5.56%)	1 (5.56%)	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)
2012	4.27	0.83	870 (43.24%)	824 (40.95%)	159 (7.90%)	50 (2.49%)	28 (1.39%)	81 (4.03%)

**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 CS-4610-1, Weimer, Westley								
Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
18	4.78	0.65	16 (88.89%)	0 (0.00%)	2 (11.11%)	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)
2019	3.86	1.08	658 (32.59%)	660 (32.69%)	414 (20.51%)	141 (6.98%)	76 (3.76%)	70 (3.47%)

**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-4610-1					
Total	Less than 1 (NA)	1 - 3 (NA)	4 - 6 (NA)	7 - 9 (NA)	10 or more (NA)
18	0 (0.00%)	2 (11.11%)	4 (22.22%)	5 (27.78%)	7 (38.89%)

Results for SEAS, 4000-level courses					
Total	Less than 1 (NA)	1 - 3 (NA)	4 - 6 (NA)	7 - 9 (NA)	10 or more (NA)
1761	167 (9.48%)	666 (37.82%)	599 (34.01%)	205 (11.64%)	124 (7.04%)

~ 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-4610-1							
Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)
18	4.72	0.57	14 (77.78%)	3 (16.67%)	1 (5.56%)	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)
1752	4.02	0.96	602 (34.36%)	750 (42.81%)	261 (14.90%)	103 (5.88%)	36 (2.05%)

**15. Overall, this was a worthwhile course.**

Question Type: Likert  
 ~  
 contributed by Office of the Provost

Results for CS-4610-1							
Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)
18	4.67	0.59	13 (72.22%)	4 (22.22%)	1 (5.56%)	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)
1757	4.04	1.01	652 (37.11%)	737 (41.95%)	208 (11.84%)	100 (5.69%)	60 (3.41%)

**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-4610-1, Weimer, Westley							
Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)
18	4.89	0.32	16 (88.89%)	2 (11.11%)	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)
2012	4.11	0.83	692 (34.39%)	968 (48.11%)	268 (13.32%)	58 (2.88%)	26 (1.29%)

**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-4610-1, Weimer, Westley							
Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)
18	4.78	0.43	14 (77.78%)	4 (22.22%)	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)
2017	4.14	0.90	811 (40.21%)	822 (40.75%)	279 (13.83%)	75 (3.72%)	30 (1.49%)

**18. Overall, the instructor was an effective teacher.**

Question Type: Likert  
 ~  
 contributed by Office of the Provost

Results for CS-4610-1, Weimer, Westley							
Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)
18	4.89	0.32	16 (88.89%)	2 (11.11%)	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)
2018	4.08	0.96	760 (37.66%)	851 (42.17%)	258 (12.78%)	99 (4.91%)	50 (2.48%)

**19. Please make any overall comments or observations about this course:**

~  
Question Type: Short Answer

~  
contributed by Office of the Provost

Results for CS-4610-1

Total	Individual Answers
10	See below for Individual Results

This course didn't just teach me about programming languages, it taught me how to be a better person. When the robot uprising occurs and we have to destroy all technology to preserve the human race, count me in for helping to rebuilding our high level languages.

This was one of the best classes I have ever taken!!! It was a lot of work, but it was worthwhile, and I learned a great deal. Professor Weimer was also very entertaining and made this course invaluable!

Professor Weimer is very engaging in his lectures, which kept me awake and interested even through the most boring or difficult sections of the class. And some of the class material WAS boring. And it was most DEFINITELY difficult. While the assignments were VERY time-consuming and difficult (sometimes ridiculously so), I felt great accomplishment after completing them, and I feel that I may have learned more from this class than any I have ever taken before. In this class, I believe that the extreme amount of effort put in yielded an equally great amount of knowledge taken out. Truly, undergraduate PL is the topic of ultimate mastery. But if you don't want to work, stay as FAR away as possible. Don't let the lures of free candy and romance novels draw you in to a most certain and painful death.

Easily the best course I have taken at UVA. Wes is incredibly knowledgeable about the material and a wonderful lecturer, making the classroom experience unmatched. The homework assignments were really great compared to most of the coding assignments in other classes. By the end of the compiler, I felt like I had accomplished something I could be proud of and learned a lot from the process. Homework is very challenging but doable. I imagine I will never have a lecturer as good as Wes again. His lectures are always interesting, and he manages to keep your attention with his quick wit. He almost always answers questions with even more information than you expected, even when the subject is totally tangential to PL. I really enjoy the fast pace lectures since it helps keep me interested because if I let my mind wander I will get totally lost. Not a class for people who don't want to be challenged, but very rewarding.

Where to begin...maybe I could start by saying something about this being the most entertaining, most interesting, most exciting, and overall best class I have ever taken. Yes, it was a considerable amount of work, and it was all worth it (especially considering it was 5 credits). While one would like to believe that different people have different teaching styles and each has its own merits (this is true for {Bloomfield, Evans, Shelat, Sheriff}) Wes then comes along and shows that there is one to rule them all. Teaching may not be the topic of ultimate mastery, but Wes has still managed to attain phenomenal cosmic power here. Overall, a record-breaking 61 Stankovics (beating Paul Kershaw with 59 Stk, Dave Evans with 55 Stk, Ken Elzinga with 54 Stk, and Aaron Bloomfield with 52 Stk). Very well done. I have no constructive criticism to report, except maybe that if Wes is so inclined, he may wish to write the textbook. PLP's dullness doesn't do the subject justice.

This course involved a lot of coding. Fortunately, it was just hacking scripts, instead of writing ridiculous Java verbirosities. The marathon was highly enjoyable.

Beg for more mid-assignment checkpoints. Also, beg that the optional two-credit class only be opened just before the withdrawal deadline so you don't have to decide early on before you understand what you've decided to do to yourself. Finally, beg for mercy. :)

Easily the most time-consuming class that I have taken at UVA. There were times that I got very little sleep at all. In addition, the assignments require a deep understanding of the material, in order to do well on them. Nevertheless, I learned a lot from this class.

I would have to say that Professor Weimer is my favorite professor at UVA. Most professors are there to help the students, but very few (hardly any) actually radiate a true passion aimed at helping students learn the material and supporting students well beyond the classroom. On top of this, Professor Weimer is extremely knowledgeable and teaches in such a way that even very difficult concepts become much easier to grasp. This being said, do not take Programming Languages, because you will put in over 9,000 hours into the class. If you manage to stick out the class, it is a substantial feeling of accomplishment knowing that you wrote a full compiler.

Wes is the best lecturer the CS department has to offer by far. All the other professors should have to sit in his lectures to take notes on how to be better. While the material was extremely interesting and very useful to know, the compiler itself was EXASPERATINGLY OVERWHELMING. Nevertheless, it was still awesome and left my with a great feeling. It'll make a good bar story- "I once wrestled a bear into submission--" "Yea? Well, I wrote this compiler this one time..." \*Woman swoons\* This has been the best course I've taken in the CS department and has greatly enhanced my understanding of how we communicate with machines and how machines translate our programs into workable code. While compilers used to be part of that subset of "sufficiently advanced technology [which is] indistinguishable from magic", I now feel that I have a firm grasp on this is really done.

# CS 4993-04 Independent Study - Fall 2009

ENGR (37675)

INSTRUCTORS: Weimer, Westley (wrw6y)

Respondents: 5 / Enrollment: 23

Summary: CS 4993-04 Independent Study - Fall 2009 (37675)	
<b>Overall Course Rating</b> CS-4993-04 Mean 4.52 CS-4993-04 Std Dev 0.85 CS-4993-04 Response Count 24	<b>Overall Instructor Rating</b> INSTRUCTOR: Weimer, Westley Mean 4.91 Std Dev 0.28 Response Count 35
Difference from Category Mean, Expressed in Category Standard Deviations 	Difference from Category Mean, Expressed in Category Standard Deviations 
SEAS, 4000-level courses Mean 3.98 SEAS, 4000-level courses Std Dev 0.93 SEAS, 4000-level courses Response Count 8790	SEAS, 4000-level courses Mean 4.16 SEAS, 4000-level courses Std Dev 0.92 SEAS, 4000-level courses Response Count 14115

~ QUESTIONS AND DETAILS ~	~ ANSWER MATRICES ~																																																						
<b>1. The subject matter was challenging.</b> ~ Question Type: Likert ~ <i>contributed by Dean of the School of Engineering and Applied Science</i>	<table border="1"> <thead> <tr> <th colspan="9">Results for CS-4993-04</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>5</td> <td>5.00</td> <td>0.00</td> <td>5 (100.00%)</td> <td>0 (0.00%)</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, 4000-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>1761</td> <td>4.02</td> <td>0.83</td> <td>488 (27.71%)</td> <td>896 (50.88%)</td> <td>255 (14.48%)</td> <td>77 (4.37%)</td> <td>17 (0.97%)</td> <td>28 (1.59%)</td> </tr> </tbody> </table>	Results for CS-4993-04									Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)	5	5.00	0.00	5 (100.00%)	0 (0.00%)	0 (0.00%)	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)	1761	4.02	0.83	488 (27.71%)	896 (50.88%)	255 (14.48%)	77 (4.37%)	17 (0.97%)	28 (1.59%)
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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-4993-04								
Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
5	4.20	1.10	3 (60.00%)	0 (0.00%)	2 (40.00%)	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)
1756	4.02	0.94	523 (29.78%)	700 (39.86%)	222 (12.64%)	84 (4.78%)	35 (1.99%)	192 (10.93%)

**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-4993-04								
Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
5	3.50	1.00	1 (20.00%)	0 (0.00%)	3 (60.00%)	0 (0.00%)	0 (0.00%)	1 (20.00%)

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)
1759	3.55	1.09	170 (9.66%)	319 (18.14%)	231 (13.13%)	90 (5.12%)	48 (2.73%)	901 (51.22%)

**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-4993-04, Weimer, Westley								
Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
5	5.00	0.00	5 (100.00%)	0 (0.00%)	0 (0.00%)	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	4.04	0.96	679 (33.71%)	888 (44.09%)	243 (12.07%)	94 (4.67%)	58 (2.88%)	52 (2.58%)

**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-4993-04, Weimer, Westley								
Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
5	5.00	0.00	5 (100.00%)	0 (0.00%)	0 (0.00%)	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)
2022	4.46	0.74	1121 (55.44%)	684 (33.83%)	110 (5.44%)	34 (1.68%)	13 (0.64%)	60 (2.97%)

**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-4993-04, Weimer, Westley								
Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
5	5.00	0.00	5 (100.00%)	0 (0.00%)	0 (0.00%)	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)
2016	4.27	0.85	906 (44.94%)	768 (38.10%)	180 (8.93%)	61 (3.03%)	24 (1.19%)	77 (3.82%)

~ 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 CS-4993-04, Weimer, Westley								
Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
5	4.80	0.45	4 (80.00%)	1 (20.00%)	0 (0.00%)	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)
2016	4.14	0.94	772 (38.29%)	735 (36.46%)	238 (11.81%)	72 (3.57%)	44 (2.18%)	155 (7.69%)

**10. The grading policy was fair.**

Question Type: Likert

contributed by Dean of the School of Engineering and Applied Science

Results for CS-4993-04, Weimer, Westley								
Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
5	4.60	0.55	3 (60.00%)	2 (40.00%)	0 (0.00%)	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)
2016	4.08	0.88	657 (32.59%)	901 (44.69%)	260 (12.90%)	81 (4.02%)	29 (1.44%)	88 (4.37%)

**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-4993-04, Weimer, Westley								
Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
5	5.00	0.00	5 (100.00%)	0 (0.00%)	0 (0.00%)	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)
2012	4.27	0.83	870 (43.24%)	824 (40.95%)	159 (7.90%)	50 (2.49%)	28 (1.39%)	81 (4.03%)

**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 CS-4993-04, Weimer, Westley								
Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
5	5.00	0.00	5 (100.00%)	0 (0.00%)	0 (0.00%)	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)
2019	3.86	1.08	658 (32.59%)	660 (32.69%)	414 (20.51%)	141 (6.98%)	76 (3.76%)	70 (3.47%)

**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-4993-04					
Total	Less than 1 (NA)	1 - 3 (NA)	4 - 6 (NA)	7 - 9 (NA)	10 or more (NA)
5	0 (0.00%)	0 (0.00%)	1 (20.00%)	2 (40.00%)	2 (40.00%)

Results for SEAS, 4000-level courses					
Total	Less than 1 (NA)	1 - 3 (NA)	4 - 6 (NA)	7 - 9 (NA)	10 or more (NA)
1761	167 (9.48%)	666 (37.82%)	599 (34.01%)	205 (11.64%)	124 (7.04%)



~ QUESTIONS AND DETAILS ~	~ ANSWER MATRICES ~																
<p><b>14. I learned a great deal in this course.</b></p> <p>~ Question Type: Likert ~ contributed by Office of the Provost</p>	Results for CS-4993-04																
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1752	4.02	0.96	602 (34.36%)	750 (42.81%)	261 (14.90%)	103 (5.88%)	36 (2.05%)										
<p><b>15. Overall, this was a worthwhile course.</b></p> <p>~ Question Type: Likert ~ contributed by Office of the Provost</p>	Results for CS-4993-04																
	<table border="1"> <thead> <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> </tr> </thead> <tbody> <tr> <td>5</td> <td>4.60</td> <td>0.55</td> <td>3 (60.00%)</td> <td>2 (40.00%)</td> <td>0 (0.00%)</td> <td>0 (0.00%)</td> <td>0 (0.00%)</td> </tr> </tbody> </table>	Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	5	4.60	0.55	3 (60.00%)	2 (40.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)
	Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)									
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<p><b>16. The course's goals and requirements were defined and adhered to by the instructor.</b></p> <p>~ Question Type: Likert ~ contributed by Office of the Provost</p>	Results for CS-4993-04, Weimer, Westley																
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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-4993-04	
Total	Individual Answers
2	See below for Individual Results

Programming Languages is the hardest class that I've taken at UVA. Although it's worth 5 credits, the extra 2 credits are essentially worthless, since all of the credit requirements are for classes worth 3 credits each.

Outstanding, except for one difference of opinion I have: Programming languages is the topic of penultimate mastery. Security is the topic of ultimate mastery.