

# CS 8561-001 Top: Programming Languages - Spring 2010

ENGR (21110)

INSTRUCTORS: Weimer, Westley (wrw6y)

Respondents: 10 / Enrollment: 17

Summary: CS 8561-001 Top: Programming Languages - Spring 2010 (21110)	
<b>Overall Course Rating</b> CS-8561-001 Mean 4.58 CS-8561-001 Std Dev 0.55 CS-8561-001 Response Count 50	<b>Overall Instructor Rating</b> INSTRUCTOR: Weimer, Westley Mean 4.79 Std Dev 0.44 Response Count 70
Difference from Category Mean, Expressed in Category Standard Deviations 	Difference from Category Mean, Expressed in Category Standard Deviations 
SEAS, 8000-level courses Mean 4.41 SEAS, 8000-level courses Std Dev 0.61 SEAS, 8000-level courses Response Count 245	SEAS, 8000-level courses Mean 4.50 SEAS, 8000-level courses Std Dev 0.59 SEAS, 8000-level courses Response Count 608

~ 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"> <thead> <tr> <th colspan="9">Results for CS-8561-001</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>10</td> <td>4.60</td> <td>0.52</td> <td>6 (60.00%)</td> <td>4 (40.00%)</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, 8000-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>49</td> <td>4.36</td> <td>0.61</td> <td>20 (40.82%)</td> <td>24 (48.98%)</td> <td>3 (6.12%)</td> <td>0 (0.00%)</td> <td>0 (0.00%)</td> <td>2 (4.08%)</td> </tr> </tbody> </table>	Results for CS-8561-001									Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)	10	4.60	0.52	6 (60.00%)	4 (40.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	Results for SEAS, 8000-level courses									Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)	49	4.36	0.61	20 (40.82%)	24 (48.98%)	3 (6.12%)	0 (0.00%)	0 (0.00%)	2 (4.08%)
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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"> <thead> <tr> <th colspan="9">Results for CS-8561-001</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>10</td> <td>4.80</td> <td>0.42</td> <td>8 (80.00%)</td> <td>2 (20.00%)</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, 8000-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>49</td> <td>4.51</td> <td>0.55</td> <td>25 (51.02%)</td> <td>21 (42.86%)</td> <td>1 (2.04%)</td> <td>0 (0.00%)</td> <td>0 (0.00%)</td> <td>2 (4.08%)</td> </tr> </tbody> </table>	Results for CS-8561-001									Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)	10	4.80	0.42	8 (80.00%)	2 (20.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	Results for SEAS, 8000-level courses									Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)	49	4.51	0.55	25 (51.02%)	21 (42.86%)	1 (2.04%)	0 (0.00%)	0 (0.00%)	2 (4.08%)
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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"> <thead> <tr> <th colspan="9">Results for CS-8561-001</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>10</td> <td>4.30</td> <td>0.67</td> <td>4 (40.00%)</td> <td>5 (50.00%)</td> <td>1 (10.00%)</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, 8000-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>49</td> <td>4.35</td> <td>0.52</td> <td>18 (36.73%)</td> <td>30 (61.22%)</td> <td>1 (2.04%)</td> <td>0 (0.00%)</td> <td>0 (0.00%)</td> <td>0 (0.00%)</td> </tr> </tbody> </table>	Results for CS-8561-001									Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)	10	4.30	0.67	4 (40.00%)	5 (50.00%)	1 (10.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	Results for SEAS, 8000-level courses									Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)	49	4.35	0.52	18 (36.73%)	30 (61.22%)	1 (2.04%)	0 (0.00%)	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-8561-001								
Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
10	4.50	0.53	4 (40.00%)	4 (40.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	2 (20.00%)

Results for SEAS, 8000-level courses								
Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
49	4.43	0.73	20 (40.82%)	14 (28.57%)	2 (4.08%)	1 (2.04%)	0 (0.00%)	12 (24.49%)

**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-8561-001								
Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
10	5.00	0.00	2 (20.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	8 (80.00%)

Results for SEAS, 8000-level courses								
Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
49	4.40	0.74	8 (16.33%)	5 (10.20%)	2 (4.08%)	0 (0.00%)	0 (0.00%)	34 (69.39%)

**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-8561-001, Weimer, Westley								
Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
10	4.60	0.52	6 (60.00%)	4 (40.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)

Results for SEAS, 8000-level courses								
Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
87	4.44	0.57	39 (44.83%)	40 (45.98%)	3 (3.45%)	0 (0.00%)	0 (0.00%)	5 (5.75%)

**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-8561-001, Weimer, Westley								
Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
10	5.00	0.00	10 (100.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)

Results for SEAS, 8000-level courses								
Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
88	4.70	0.46	60 (68.18%)	26 (29.55%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	2 (2.27%)

**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-8561-001, Weimer, Westley								
Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
10	4.90	0.32	9 (90.00%)	1 (10.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)

Results for SEAS, 8000-level courses								
Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
88	4.52	0.55	45 (51.14%)	36 (40.91%)	2 (2.27%)	0 (0.00%)	0 (0.00%)	5 (5.68%)

~ 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-8561-001, Weimer, Westley								
Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
10	4.67	0.50	6 (60.00%)	3 (30.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	1 (10.00%)

Results for SEAS, 8000-level courses								
Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
88	4.54	0.55	48 (54.55%)	35 (39.77%)	2 (2.27%)	0 (0.00%)	0 (0.00%)	3 (3.41%)

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

Question Type: Likert

contributed by Dean of the School of Engineering and Applied Science

Results for CS-8561-001, Weimer, Westley								
Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
10	4.44	0.73	5 (50.00%)	3 (30.00%)	1 (10.00%)	0 (0.00%)	0 (0.00%)	1 (10.00%)

Results for SEAS, 8000-level courses								
Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
88	4.33	0.67	35 (39.77%)	39 (44.32%)	6 (6.82%)	1 (1.14%)	0 (0.00%)	7 (7.95%)

**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-8561-001, Weimer, Westley								
Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
10	5.00	0.00	10 (100.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)

Results for SEAS, 8000-level courses								
Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
88	4.68	0.52	57 (64.77%)	22 (25.00%)	2 (2.27%)	0 (0.00%)	0 (0.00%)	7 (7.95%)

**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-8561-001, Weimer, Westley								
Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
10	4.90	0.32	9 (90.00%)	1 (10.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)

Results for SEAS, 8000-level courses								
Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
88	4.35	0.71	40 (45.45%)	31 (35.23%)	11 (12.50%)	0 (0.00%)	0 (0.00%)	6 (6.82%)

**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-8561-001					
Total	Less than 1 (NA)	1 - 3 (NA)	4 - 6 (NA)	7 - 9 (NA)	10 or more (NA)
10	0 (0.00%)	2 (20.00%)	6 (60.00%)	2 (20.00%)	0 (0.00%)

Results for SEAS, 8000-level courses					
Total	Less than 1 (NA)	1 - 3 (NA)	4 - 6 (NA)	7 - 9 (NA)	10 or more (NA)
49	0 (0.00%)	5 (10.20%)	20 (40.82%)	11 (22.45%)	13 (26.53%)

~ 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-8561-001																
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49	4.55	0.58	29 (59.18%)	18 (36.73%)	2 (4.08%)	0 (0.00%)	0 (0.00%)										
<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-8561-001																
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49	4.59	0.54	30 (61.22%)	18 (36.73%)	1 (2.04%)	0 (0.00%)	0 (0.00%)										
<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-8561-001, Weimer, Westley																
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	Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)									
10	4.80	0.42	8 (80.00%)	2 (20.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)										
Results for SEAS, 8000-level courses																	
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Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)										
86	4.50	0.53	44 (51.16%)	41 (47.67%)	1 (1.16%)	0 (0.00%)	0 (0.00%)										
<p><b>17. The instructor was approachable and made himself/herself available to students outside the classroom.</b></p> <p>~ Question Type: Likert ~ contributed by Office of the Provost</p>	Results for CS-8561-001, Weimer, Westley																
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<p><b>18. Overall, the instructor was an effective teacher.</b></p> <p>~ Question Type: Likert ~ contributed by Office of the Provost</p>	Results for CS-8561-001, 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-8561-001	
Total	Individual Answers
1	<i>See below for Individual Results</i>

If I were taking the course again, I'd appreciate more programming languages implementation paper (e.g., how OCaml achieves good performance, F#, compiler optimizations for object-oriented languages). I enjoyed the papers we did read that covered similar topics (e.g., "Optimizing ML with Run-time Code Generation", "Java without the Coffee Breaks"). Overall, an excellent class. I liked the die-rolling (forced) participation scheme although it might also be useful for students to prepare a more significant (~15 minute) presentation for at least one of the papers.