CS 1120-001 **Introduction to Computing** - Fall 2012

ENGR (17901)

INSTRUCTORS: Ahmed, Mohsin (mya5dm) - **Weimer, Westley (wrw6y)**

Respondents: 22 / Enrollment: 52

Summary: CS 1120-001 Introduction to Computing - Fall 2012 (17901)

Overall Course Rating

CS-1120-001 Mean 4.03
CS-1120-001 Std Dev 1.19
CS-1120-001 Response Count 108

Difference from Category Mean, Expressed in Category Standard Deviations	
	0.18

SEAS, 1000-level courses Mean 3.84
SEAS, 1000-level courses Std Dev 1.07
SEAS, 1000-level courses Response Count 9373

Overall Instructor Rating

INSTRUCTOR: Weimer, Westley
  Mean 4.68
  Std Dev 0.66
  Response Count 152

Difference from Category Mean, Expressed in Category Standard Deviations	
	0.64

SEAS, 1000-level courses Mean 4.04
SEAS, 1000-level courses Std Dev 1.01
SEAS, 1000-level courses Response Count 25392

~ QUESTIONS AND DETAILS ~   *~ ANSWER MATRICES ~*

1. 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-1120-001

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
22	4.59	0.91	16 (72.73%)	5 (22.73%)	0 (0.00%)	0 (0.00%)	1 (4.55%)	0 (0.00%)

Results for SEAS, 1000-level courses

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
1876	4.04	0.94	637 (33.96%)	860 (45.84%)	231 (12.31%)	85 (4.53%)	51 (2.72%)	12 (0.64%)

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.
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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-1120-001, Weimer, Westley

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
22	4.55	0.91	15 (68.18%)	6 (27.27%)	0 (0.00%)	0 (0.00%)	1 (4.55%)	0 (0.00%)

Results for SEAS, 1000-level courses

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
3648	3.97	1.08	930 (25.49%)	728 (19.96%)	450 (12.34%)	152 (4.17%)	85 (2.33%)	1303 (35.72%)

3. 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-1120-001

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
22	4.00	1.23	11 (50.00%)	5 (22.73%)	1 (4.55%)	5 (22.73%)	0 (0.00%)	0 (0.00%)

Results for SEAS, 1000-level courses

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
1878	4.01	1.01	632 (33.65%)	884 (47.07%)	178 (9.48%)	109 (5.80%)	73 (3.89%)	2 (0.11%)

~ QUESTIONS AND DETAILS ~	~ ANSWER MATRICES ~

4. The homework assignments helped me learn the subject matter.
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Question Type: Likert
~
contributed by Dean of the School of Engineering and Applied Science

Results for CS-1120-001

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
22	4.55	0.91	15 (68.18%)	6 (27.27%)	0 (0.00%)	0 (0.00%)	1 (4.55%)	0 (0.00%)

Results for SEAS, 1000-level courses

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
1874	3.91	1.08	621 (33.14%)	704 (37.57%)	277 (14.78%)	139 (7.42%)	76 (4.06%)	57 (3.04%)

5. 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-1120-001

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
22	2.86	1.06	2 (9.09%)	2 (9.09%)	10 (45.45%)	5 (22.73%)	2 (9.09%)	1 (4.55%)

Results for SEAS, 1000-level courses

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
1877	3.40	1.15	253 (13.48%)	514 (27.38%)	425 (22.64%)	174 (9.27%)	125 (6.66%)	386 (20.56%)

6. 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-1120-001, Weimer, Westley

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
22	4.36	0.95	12 (54.55%)	8 (36.36%)	1 (4.55%)	0 (0.00%)	1 (4.55%)	0 (0.00%)

Results for SEAS, 1000-level courses

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
3632	3.89	1.04	757 (20.84%)	932 (25.66%)	453 (12.47%)	158 (4.35%)	84 (2.31%)	1248 (34.36%)

7. 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-1120-001, Weimer, Westley

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
22	4.95	0.21	21 (95.45%)	1 (4.55%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)

Results for SEAS, 1000-level courses

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
3626	4.27	0.90	1193 (32.90%)	787 (21.70%)	324 (8.94%)	59 (1.63%)	38 (1.05%)	1225 (33.78%)

8. 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-1120-001, Weimer, Westley

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
22	4.91	0.29	20 (90.91%)	2 (9.09%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)

Results for SEAS, 1000-level courses

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
3634	4.15	0.93	998 (27.46%)	830 (22.84%)	355 (9.77%)	84 (2.31%)	42 (1.16%)	1325 (36.46%)

~ QUESTIONS AND DETAILS ~	~ ANSWER MATRICES ~

9. 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-1120-001

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
20	4.25	0.46	2 (10.00%)	6 (30.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	12 (60.00%)

Results for SEAS, 1000-level courses

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
1868	3.64	1.07	238 (12.74%)	378 (20.24%)	289 (15.47%)	87 (4.66%)	50 (2.68%)	826 (44.22%)

10. The grading policy was fair.
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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-1120-001, Weimer, Westley

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
22	4.68	0.48	15 (68.18%)	7 (31.82%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)

Results for SEAS, 1000-level courses

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
3629	3.76	1.15	712 (19.62%)	900 (24.80%)	443 (12.21%)	214 (5.90%)	144 (3.97%)	1216 (33.51%)

11. The instructor responded adequately to in-class questions.
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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-1120-001, Weimer, Westley

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
21	4.76	0.44	16 (76.19%)	5 (23.81%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)

Results for SEAS, 1000-level courses

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
3610	4.16	0.92	964 (26.70%)	865 (23.96%)	313 (8.67%)	81 (2.24%)	43 (1.19%)	1344 (37.23%)

12. The instructor effectively used technology in support of the learning goals for 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-1120-001, Weimer, Westley

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
21	4.57	0.75	14 (66.67%)	6 (28.57%)	0 (0.00%)	1 (4.76%)	0 (0.00%)	0 (0.00%)

Results for SEAS, 1000-level courses

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)	Not Applicable (NA)
3613	4.10	0.94	921 (25.49%)	894 (24.74%)	357 (9.88%)	88 (2.44%)	50 (1.38%)	1303 (36.06%)

13. 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
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contributed by Office of the Provost

Results for CS-1120-001

Total	Less than 1 (NA)	1 - 3 (NA)	4 - 6 (NA)	7 - 9 (NA)	10 or more (NA)
22	0 (0.00%)	1 (4.55%)	4 (18.18%)	8 (36.36%)	9 (40.91%)

Results for SEAS, 1000-level courses

Total	Less than 1 (NA)	1 - 3 (NA)	4 - 6 (NA)	7 - 9 (NA)	10 or more (NA)
1880	155 (8.24%)	809 (43.03%)	644 (34.26%)	193 (10.27%)	79 (4.20%)

The information in this document is private and confidential. Please handle accordingly.

~ QUESTIONS AND DETAILS ~	~ ANSWER MATRICES ~

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

Results for CS-1120-001

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)
22	4.55	0.91	15 (68.18%)	6 (27.27%)	0 (0.00%)	0 (0.00%)	1 (4.55%)

Results for SEAS, 1000-level courses

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)
1876	3.90	1.13	661 (35.23%)	710 (37.85%)	270 (14.39%)	127 (6.77%)	108 (5.76%)

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

Results for CS-1120-001

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)
21	4.62	0.92	16 (76.19%)	4 (19.05%)	0 (0.00%)	0 (0.00%)	1 (4.76%)

Results for SEAS, 1000-level courses

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)
1874	3.85	1.21	692 (36.93%)	623 (33.24%)	289 (15.42%)	129 (6.88%)	141 (7.52%)

16. 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-1120-001, Weimer, Westley

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)
22	4.50	0.74	13 (59.09%)	8 (36.36%)	0 (0.00%)	1 (4.55%)	0 (0.00%)

Results for SEAS, 1000-level courses

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)
3502	3.57	1.19	867 (24.76%)	1071 (30.58%)	1125 (32.12%)	75 (2.14%)	364 (10.39%)

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 CS-1120-001, Weimer, Westley

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)
22	4.55	0.67	14 (63.64%)	6 (27.27%)	2 (9.09%)	0 (0.00%)	0 (0.00%)

Results for SEAS, 1000-level courses

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)
3473	3.68	1.15	1025 (29.51%)	932 (26.84%)	1145 (32.97%)	111 (3.20%)	260 (7.49%)

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

Results for CS-1120-001, Weimer, Westley

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)
22	4.64	0.90	17 (77.27%)	4 (18.18%)	0 (0.00%)	0 (0.00%)	1 (4.55%)

Results for SEAS, 1000-level courses

Total	Mean	Std Dev	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)
3449	3.58	1.16	916 (26.56%)	860 (24.93%)	1259 (36.50%)	136 (3.94%)	278 (8.06%)

~ QUESTIONS AND DETAILS ~	~ ANSWER MATRICES ~

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

Results for CS-1120-001	
Total	Individual Answers
15	*See below for Individual Results*

Good for CS basics, even if you already have had CS in high school

Westley Weimer was the best teacher I have had thus far. Very organized and very enthusiastic. He has high expectations but provides the necessary information and support for us to reach those expectations.

its kinda chill

the amount of information that this course has to offer probably exceeds its value in course credits; nevertheless, I found the course to be an extremely informative and broad introduction to computer science.

This course was by far the most engaging and rewarding of those that I took this semester.

Offering more recommendations for outside resources would have been useful (the course book was hard to follow because Scheme's syntax is hard to understand.)

Grading structure was very well thought out which works to every students advantages. Enjoyed this course very much. Wes is by far one of the best teachers at this school.

This course is extremely challenging, and involves a lot of effort. However, it is a rewarding class. I would suggest more coding being done in class as opposed to discussing history of programming in so much detail. Also, for the amount of work we put in, this class should be a 4 credit class.

The time spent doing homework is worthwhile and rewarding. I've never felt as if I learned so much in such a short amount of time while actually enjoying the work.

The course was a lot of work. I wasn't sure until about yesterday if it was worth it or not, given that I'm not a computer science person and I just took this course for the hell of it But I think overall I am glad that I had the experience.

This course should be worth 4 credit hours instead of 3.

Wes is the best!!!!!!

This was one of the best courses I have ever taken, due mainly to how great of a professor Westley Weimer is. He is the best teacher I have ever had.

This was one of the worst classes I have taken at UVa. The way to teach CS, chosen by Pr. Weimer is extremely inefficient, in my opinion. Writing algorithms for existing programs is the worst way to learn CS. It takes lots of time to understand the algorithms written and it's extremely easy to write the last part. Each hw took me at least 5 hours, which is basically reading and understanding the assignment, the assignment itself takes no more than an hour. Ii is unnecessary time consuming class and you don't learn a thing. Book is worthless, it has no relation to class.

I felt like there were three completely separate components in the problem sets, the classroom, and the expected reading. There didn't seem to be much overlap between the three.