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UNL Online Course Evaluation System

Individual Course Report - CSCE150A Sec. 150

CSCE150A Section 150: PRBLM SOLVNG:COMPUTR CSCE150A SEC 150 FALL 2010

Semester: '09-'10: Fall Semester

Survey Trigger: UNL Fall '09

Instructor: Stephen D. Scott

Students: 125

Respondents: 47

37.6%

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Evaluation of Course and Instructor

Base Questions item 4

	Freshman	Sophomore	Junior	Senior	Graduate Student
1. My year in college is:	26	10	7	3	1

Base Questions item 5

	4.0 to 3.5	3.5 to 3.0	3.0 to 2.5	2.5 to 2.0	Below 2.0
2. My overall grade point average is:	19	17	8	1	2

Base Questions item 6

	More than 18 hours	15 to 17 hours	12 to 14 hours	9 to 11 hours	Less than 9 hours
3. I am enrolled for the following number of credit hours this semester:	0	23	19	1	4

Base Questions item 7

	More than 40 hours	30 to 40 hours	20 to 30 hours	10 to 20 hours	Less than 10 hours
4. I currently work the following number of hours	0	0	2	5	27

per week at a job:	0	2	3	3	3
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Base Questions item 8

	Yes	No
5. This course is my major field of study:	16	31

Base Questions item 10

	Strongly Disagree (1)	Disagree (2)	Indifferent (3)	Agree (4)	Strongly Agree (5)	N/A (0)	mean	mode	Std. Dev.
6. I see myself as a motivated student in this course.	2	2	6	27	10	0	3.87	4	0.95
7. I was academically prepared to take this course.	3	6	7	20	9	2	3.58	4	1.16
8. I was challenged to think in this course.	0	1	4	19	23	0	4.36	5	0.74
9. My course grade will be a fair representation of my learning.	3	8	10	19	7	0	3.40	4	1.14
10. I treated the instructor fairly and respectfully.	0	0	1	22	23	1	4.48	5	0.55
Question Set Statistics							3.94	4	1.02

Base Questions item 12

	Strongly Disagree (1)	Disagree (2)	Indifferent (3)	Agree (4)	Strongly Agree (5)	N/A (0)	mean	mode	Std. Dev.
11. Before taking this course, my interest in this subject was very high.	0	13	7	16	11	0	3.53	4	1.14
12. I understand the objectives of this course.	0	3	6	28	10	0	3.96	4	0.78
13. The organization of the course topics is reasonable and logical.	0	4	9	23	11	0	3.87	4	0.88
14. The pace at which course topics are covered is reasonable.	2	8	1	26	10	0	3.72	4	1.12
15. This course helped me improve my rational thinking, problem-solving and decision-making ability.	3	3	5	23	13	0	3.85	4	1.10
16. After taking this course, my interest in this subject is very high.	6	7	9	16	8	1	3.28	4	1.29
Question Set Statistics							3.70	4	1.08

Base Questions item 14

	Strongly Disagree (1)	Disagree (2)	Indifferent (3)	Agree (4)	Strongly Agree (5)	N/A (0)	mean	mode	Std. Dev.
17. The textbook, workbook, and/or lesson notes help me understand course material.	2	4	7	23	11	0	3.79	4	1.04
18. The method (or methods) of presenting information in class enhances my learning.	3	7	8	22	7	0	3.49	4	1.12
19. The coursework helps me understand and apply the subject matter.	1	4	5	29	8	0	3.83	4	0.89
20. The amount of coursework is reasonable for what I am expected to learn.	2	4	8	27	6	0	3.66	4	0.96
21. Testing methods fairly measure my understanding of the course material.	2	8	3	26	8	0	3.64	4	1.09
Question Set Statistics							3.68	4	1.02

Base Questions item 16

	Strongly Disagree (1)	Disagree (2)	Indifferent (3)	Agree (4)	Strongly Agree (5)	N/A (0)	mean	mode	Std. Dev.
22. The instructor is prepared for the class and is concerned about his or her preparation.	0	0	3	28	16	0	4.28	4	0.58
23. The instructor makes good use of class time.	1	2	3	28	13	0	4.06	4	0.84
24. The instructor is enthusiastic and interested in teaching this course.	0	2	2	23	20	0	4.30	4	0.75
25. The instructor treats students in a professional manner.	0	3	0	27	17	0	4.23	4	0.76
26. New concepts and examples are clearly explained at a level students can comprehend.	0	7	5	26	9	0	3.79	4	0.93
27. The instructor motivated me to understand and apply course concepts.	2	5	10	21	9	0	3.64	4	1.05
28. The instructor provides useful feedback on how I am doing in the course.	3	6	14	15	7	2	3.38	4	1.11
29. The instructor is accessible for help outside of the classroom.	0	1	4	31	11	0	4.11	4	0.63
Question Set Statistics							3.98	4	0.90

Base Questions item 18

	Strongly Disagree (1)	Disagree (2)	Indifferent (3)	Agree (4)	Strongly Agree (5)	N/A (0)	mean	mode	Std. Dev.
30. The classroom physical environment (e.g. temperature, lighting, acoustics) is comfortable for learning.	2	5	2	20	18	0	4.00	4	1.12
31. The classroom is free from outside distractions.	0	4	7	19	17	0	4.04	4	0.93
32. The classroom design and furnishings do not interfere with my learning.	0	4	2	20	20	1	4.22	5,4	0.89
33. The classroom has adequate instructional equipment and technology.	1	2	1	25	18	0	4.21	4	0.86
Question Set Statistics							4.12	4	0.95

Base Questions item 20

34. What are 1 or 2 specific things that helped you learn in this class?

- Lecture notes were very helpful, especially because they were posted online
- actual programming i would have like more code block explanation
- My friend
- Notes, and Lectures
- My own enthusiasm towards CSE.
- he gave power points to the students
- One on one time with the professor.
- the labs
- Lecturer notes Learning Objective
- Explanation of the notes in class and help given by classmates, TAs and Professor.
- How to write a loop in C and how to write a program that can perform mathematics for me.
- thursday computer labs
- The lecture notes and homework.
- Codelab, lab
- The multiple examples of the concepts and also the many different assignments in lab and out of lab that help to boost thinking in the concepts and also enhance your understanding of them.
- The power points and the examples given on the marker board.
- homeworks
- here in selleck, i met a senior comp. science major, and he was able to explain what we were learning very well, with out him...i would've been screwed
- providing notes that is printed out so they are their for the students.
- I found the codelab problems extremely helpful.

- Codelab was very useful in learning syntax and methods of programming.
- The teacher.
- I enjoyed the fact that the programming assignments were an application of what we learned in class--I feel that being able to apply what you learn always increases the value of your knowledge and is a healthy motivating force.
- the codelabs, and assignments. At times they were difficult, but overall, figuring out how to make my code work was how I learned the best.
- The homework helped me put the concepts into use and understand how each new concept we learned worked.
- Lab
- The codelab assignments that we had during the week.
- The online weekly assignments (Codelab) and the lab session.

Base Questions item 21

35. What are 1 or 2 specific things that caused a problem with your learning in this class?

- the problems was long and hard
- Terminology was difficult to understand for someone who has never taken a class in this field
- took too long to get grades from homework back - i understand high numbers do that
- I didn't have a problem learning in this class.
- Codelab. I did not like it, due to the badly worded or highly particular aspect of the program.
- tours observing our class while in progress
- Nothing, class was very easy to understand.
- Lighting
- he didn't stay on topic very well, i think he may have ADD
- Not enough lab
- Nothing
- The lighting of the classroom is most of the time dimmed and only one projector is working. The writing of the instructor on the board was difficult to read because of the poor lighting at the front.
- speed
- I somehow was "qualified" enough to take this class with no previous history of computer programming. I was lost from the beginning.
- I just could not understand and if I did, I could not retain the information. Examples given in class were simple compared to the homework and codelabs. Assignments were just too difficult!
- Arrays and functions.
- none that I can think of.
- Sometimes you can't see the screen properly, due the position of the seats and/or lighting.
- Did not have many problems with the course.
- The coursework

- He read verbatim what was on the screen.
- Doing stuff that we hadn't covered or things that were too difficult at our level to do.
- The slides in lecture, they are so full of errors that they are practically worthless
- The instructor was never lenient with make-up work.
- at the beginning of the semester, i did not understand the command prompt and exactly how that worked with the c language.

Base Questions item 22

36. Please provide 1 or 2 practical suggestions on ways to help improve student learning in this course.

- could have given examples or good homework solutions after the homework was graded
- A faster pace would be nice. I got bored during class a lot.
- More hands-on examples.
- More demonstrations in pico could help to show how something is done and maybe keep people interested
- Allow students to be creative by limiting the number of requirements for programming homework. Instead of saying they need X number of functions to do X number of things, give a list of requirements the program must be able to perform and leave it at that. The book is completely worthless, it doesn't follow lecture notes adequately and nothing from it is even used in the course.
- I have no recommendations, it was a well taught class.
- if able to set the two projectors in Avery 115 so there is the presentation on one screen and the other screen able to show putty which then would make it easier to do live examples.
- do more examples that would build up to the harder ones
- Do not get behind and ask for help if you do not understand
- Homework is a very good learning tool. However, if you always assign homework on certain days, do not switch it up halfway through. By that time students have built it into their routine, and use certain days to do computer science homework, while doing work for other classes during other days of the week.
- go slower, and explain more, even if no questions arise, it's intimidating
- If the professor would have gone a little slower at the beginning and had given more quizzes to keep us sharp on the material it may have helped.
- nothing
- Read ahead and ask for help!
- I think the main issue is having instructors available, as a lot of students seemed to struggle with the programming projects.
- when he's writing examples on the board, maybe he could have them written out on cards, and then slapped them up there
- The instructor did a great job overall, but seemed to skip going into depth about how to print to and read from anything other than standard input. The information could be found in the book, but I think it would have helped to see it in the classroom.
- Don't offer a C language course
- more in-class examples
- Paraphrase on the screen and go into more detail with your mouth.

- More lab
- Mix in more use of the simulations using putty. Have weekly reviews before the last class of the week to give students a good overview of the week.
- Provide more examples, on harder information.
- Working hours of class assistants or tutors should be lengthened.

Base Questions item 23

37. Other comments that you would like to make:

- Great instructor
- N/A
- nothing
- Teacher was great.
- -
- My programs have worked for the most part, yet I consistently get 40's and 50's on them. My friend has only had a handful of programs work yet he consistently gets 80's and 90's on them. I don't understand how that works.
- Professor and TAs should provide solutions to homeworks, quizzes, labs and codelabs.
- I enjoyed this class immensely and am considering Computer Science as a major because of it.
- The grading should be more fair. I feel that some students got a better overall grade just because they got a "nicer" grader.
- To elaborate on the disagreement of the classroom being free from outside distractions: the classroom was used as a display room for prospective student tours, while the people could not be heard, I became quite distracted when I would peer up and see people staring in at us.
- none
- The idea to have us print out our inputs, output, and expected outputs in a program is the worst idea anyone has ever had. I had to spend so much time getting that set up, even with the lecture notes regarding the topic, that my program was turned in with errors because after discovering one I could not simply fix the program and turn it in. The professor seems more concerned with ridiculing students when they ask questions than helping them.

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