

University of Nebraska-Lincoln Course Evaluations

Logout Witawas Srisa-An

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Give us feedback

Individual Course Report - CSCE351 Sec. 001

CSCE351 Section 001: OPERATNG SYS KERNELS

Semester:'17-'18: Fall Semester Survey Trigger:Fall 2017 Instructor: Witawas Srisa-An Students: 76 Respondents: 24

31.6%

Download raw response data (CSV/Excel)

Evaluation of Course and Instructor

Base Questions item 4

	Freshman	Sophomore	Junior	Senior	Graduate Student
1. My year in college is:	0	0	5	18	1

Base Questions item 5

	4.0 to	3.5 to	3.0 to	2.5 to	Below
	3.5	3.0	2.5	2.0	2.0
2. My overall grade point average is:	9	9	5	1	0

	More than	15 to 17	12 to 14	9 to 11	Less than
	18 hours	hours	hours	hours	9 hours
3. I am enrolled for the following number of credit hours this semester:	2	11	11	0	0

	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 per week at a job:	0	3	3	12	6

Base Questions item 8

	Yes	No
5. This course is my major field of study:	24	0

Base Questions item 10

	Strongly Disagree (1)	Disagree (2)	Indifferent (3)	Agree (4)	Strongly Agree (5)	N/A ()	mean	mode	Std. Dev.
6. I see myself as a motivated student in this course.	2	1	4	9	8	0	3.83	4	1.20
7. I was academically prepared to take this course.	2	1	3	10	8	0	3.88	4	1.19
8. I was challenged to think in this course.	0	0	1	8	15	0	4.58	5	0.58
9. My course grade will be a fair representation of my learning.	0	1	2	12	9	0	4.21	4	0.78
10. I treated the instructor fairly and respectfully.	0	0	1	6	17	0	4.67	5	0.56
Question Set Statistics									0.96

	Strongly Disagree (1)	Disagree (2)	Indifferent (3)	Agree (4)	Strongly Agree (5)	N/A ()	mean	mode	Std. Dev.
11. Before taking this course, my interest in this subject was very high.	2	2	5	10	5	0	3.58	4	1.18
12. I understand the objectives of this course.	0	1	2	15	6	0	4.08	4	0.72

13. The organization of the course topics is reasonable and logical.	0	0	1	15	8	0	4.29	4	0.55
14. The pace at which course topics are covered is reasonable.	0	0	0	15	9	0	4.38	4	0.49
15. This course helped me improve my rational thinking, problem-solving and decision-making ability.	0	1	1	11	11	0	4.33	5,4	0.76
16. After taking this course, my interest in this subject is very high.	2	1	7	9	5	0	3.58	4	1.14
				Questio	n Set Stati	istics	4.04	4	0.90

	Strongly Disagree (1)	Disagree (2)	Indifferent (3)	Agree (4)	Strongly Agree (5)	N/A ()	mean	mode	Std. Dev.
17. The textbook, workbook, and/or lesson notes help me understand course material.	1	0	3	9	10	1	4.17	5	0.98
18. The method (or methods) of presenting information in class enhances my learning.	0	0	3	13	8	0	4.21	4	0.66
19. The coursework helps me understand and apply the subject matter.	0	0	2	10	12	0	4.42	5	0.65
20. The amount of coursework is reasonable for what I am expected to learn.	0	1	3	10	10	0	4.21	5,4	0.83
21. Testing methods fairly measure my understanding of the course material.	0	2	2	13	7	0	4.04	4	0.86
Question Set Statistics									0.80

Strongly Disagree (1)	Disagree (2)	Indifferent (3)	Agree (4)	Strongly Agree (5)	N/A ()	mean	mode	Std. Dev.

22. The instructor is prepared for the class and is concerned about his or her preparation.	0	0	1	8	15	0	4.58	5	0.58
23. The instructor makes good use of class time.	0	0	1	8	15	0	4.58	5	0.58
24. The instructor is enthusiastic and interested in teaching this course.	0	0	2	2	20	0	4.75	5	0.61
25. The instructor treats students in a professional manner.	0	0	1	4	19	0	4.75	5	0.53
26. New concepts and examples are clearly explained at a level students can comprehend.	0	0	2	11	11	0	4.38	5,4	0.65
27. The instructor motivated me to understand and apply course concepts.	0	0	4	10	10	0	4.25	5,4	0.74
28. The instructor provides useful feedback on how I am doing in the course.	0	0	2	12	10	0	4.33	4	0.64
29. The instructor is accessible for help outside of the classroom.	0	0	3	7	14	0	4.46	5	0.72
				Questio	n Set Stati	stics	4.51	5	0.65

	Strongly Disagree (1)	Disagree (2)	Indifferent (3)	Agree (4)	Strongly Agree (5)	N/A ()	mean	mode	Std. Dev.
30. The classroom physical environment (e.g. temperature, lighting, acoustics) is comfortable for learning.	1	0	1	13	9	0	4.21	4	0.88
31. The classroom is free from outside distractions.	1	1	2	10	10	0	4.13	5,4	1.03
32. The classroom design and furnishings do not interfere with my learning.	1	1	2	11	9	0	4.08	4	1.02
33. The classroom has									

			Question Set Statistics				4.13	4	0.98
equipment and technology.									
adequate instructional	1	1	2	11	9	0	4.08	4	1.02

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

- review before exams & answering questions on projects during class time
- Witty just explains everything really well. The first time I learned about memory was a disaster, he helped me really understand it.
- Doing the coding assignments solidified understanding of the material and showed how it is applied to actual systems.
- The homework and projects.
- The lecture notes, and the instructions of each assignments.
- Class slides were fairly useful, but didn't always cover everything fully. I was usually able to find more information in the online textbook, and other online resources like Wikipedia, and PDFs of books.
- In-class discussion
- Class time
- The assignments certainly challenged my knowledge learned in the course.
- Slides online. Retaking quizzes.
- Doing the assignments
- I could have a better understanding of linked list, even though it was not the main goal.
- Creating a malloc function to suit a system How programs are scheduled via semaphores or monitors.
- Professor Srisa-an did a great job of explaining concepts, and was quick to answer emails when I had questions. He was also kind enough to give an extension on the most difficult project of the term, for which I was grateful.
- The assignments were most helpful in learning as they showed ways to design and implement course topics.
- Flexibility in assignments to properly understand them and PowerPoint lecture notes.
- The projects where very interesting and applicable to the course.

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

- nothing
- The Altera boards for the final. They need to be updated badly, so that operating systems outside Windows can be used.
- NA
- Not knowing any C.
- The most difficult part is the second assignment, which made me confused.
- The programming assignments were fairly challenging compared to most of the other courses I have taken. The only class that would compare would be some of the programming assignments in CSCE 310, and those were generally much simpler because of how well they were explained in class. I almost felt like I wasn't prepared for some of the assignments. I did the first two projects by myself, which worked out fine, but I had a friend who was in a group with someone and was abandoned once they got it working. I ended up doing the final project pretty much entirely by myself even though I was in a group of three. I'm not sure if there is any perfect way to solve this problem though.
- None
- Assignment and projects are way too hard
- None.
- Sleeping.
- The midterms
- My lark of C programming knowledge.
- Lack of outlets in classroom
- Other classes take up time I would have spent studying more for this class.
- I had no problems with the class.
- None
- Nothing in particular.
- The malloc project, while very interesting, was a little rough. I think breaking it into smaller "submodules" might improve on students working through the project, so there's less moving parts to mess up and it's easier to trouble-shoot.

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

- homework graded faster to get faster feedback
- NA
- Either spend time teaching a bit more C or requiring earlier classes in the program to use C.
- I think we need lab TA to help us dealing with the assignments.
- There are lots of different things that could be improved. One of the problems I ran into was that it • was difficult to work on the group project with only one DE2 board. We all have jobs, and full time class schedules, and didn't have a lot of time we could meet. Growing class sizes, and expensive boards, means that not everyone can have a board. I feel like there could have been an alternative to the board. Maybe some sort of virtual machine running a basic Linux OS (similar to whatever runs on the DE2) that can be extended and programmed on any computer. Or maybe some cheaper single board computer like a Raspberry Pi with a basic Linux OS, or one of the newer cheaper Altera boards. I liked having multiple attempts on the later quizzes. That way I could try, and then learn from my mistakes, and redo it for a better score. I would have liked this on all of the quizzes, even if there was a maximum score on the second attempt or something to prevent everyone from getting 100%. I felt like I was in the dark when working on most of the projects. I had a general idea of what I needed to do from the lectures, and the assignment instructions, but didn't know exactly how to get there. More supporting material would have been nice. I think having class for an hour on MWF would have worked out better. It's hard to stay focused that long in the afternoon, and only meeting twice a week felt like it wasn't enough. I'm sure this is probably something that has been fixed in the university's schedule for decades and can't be changed though. I think having a more flexible set of course content would be nice. The professor talked about some of the other things he has done in the past and some topics seemed interesting. Maybe have a survey every month on what topic/project the class wants to do most next. For example writing kernel drivers for Linux would have really been interesting to me, and maybe the rest of the class.
- More open discussion between students/instructors
- make the project and assignments easier
- None.
- 1) Teach better. 2) Learn better.
- Don't have midterms, just homework
- Not too much, more than enough help from teachers or other students.
- Assign the project sooner. More in-depth assignment handouts would be helpful.
- Have assignments due after the day after TA office hours so that we can ask any last minute questions or get help.

Base Questions item 23

37. Other comments that you would like to make:

- NA
- Great professor, he knows his stuff.
- None.
- Avery desks are too small
- Witty did a great job lecturing, and he was a nice professor to interact with.

Evaluation of GTAs

The CSE department is committed to continuous improvement of its programs and would like to have more information than is provided by the end of the term evaluation form. All responses remain absolutely anonymous.

Zhiqiang Li

GTA

	Excellent (5)	Good (4)	Average (3)	Below Average (2)	Poor (1)	N/A ()	mean	mode	Std. Dev.
38. The GTA's preparation for the course, recitation and/or lab sections is	3	5	1	0	1	14	3.90	4	1.20
39. The GTA's effectiveness at stimulating productive discussions is	4	5	1	1	0	13	4.09	4	0.94
40. The GTA's respect for all students and sensitivity to their views are	2	7	1	0	1	13	3.82	4	1.08
41. The adequacy of the GTA's hours in the office/resource center is	5	6	1	0	1	11	4.08	4	1.12
42. The GTA's punctuality at office/resource center for the specified office hours is	2	8	1	0	1	12	3.83	4	1.03
43. The GTA's availability at office/resource center for the specified office hours is	3	7	1	0	1	12	3.92	4	1.08
44. The quality of the GTA's explanations during office/resource center hours is	3	5	2	1	0	13	3.91	4	0.94
45. The GTA's fairness in grading is	7	5	2	0	1	9	4.13	5	1.13

Question Set Statistics								4	1.04
49. The communication skills of the GTA are	3	6	2	0	1	12	3.83	4	1.11
48. The extent to which the recitation/lab section is beneficial.	4	5	1	0	1	13	4.00	4	1.18
47. The GTA's feedback on written work he or she graded is	2	8	2	0	1	11	3.77	4	1.01
46. The timeliness with which the GTA returns the graded materials is	5	7	2	0	1	9	4.00	4	1.07

GTA Text Response

50. What strengths does the GTA display?

- NA
- Willingness to help.
- N/A, never met him.
- Helpful
- nothing
- Approachable.
- Yes
- Most of these were left blank, as we never had occasion to meet, but everyone says nice things.
- N/A
- I did not see the GTA ever

51. What areas does the GTA need to improve in?

- NA
- N/A
- N/A, never met him.
- None
- answering questions and grading
- None.

- Maybe
- N/A
- I did not see the GTA ever

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