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Individual Course Report - CSCE478 Sec. 001

CSCE478 Section 001: INTRO MACHINE LRNG

Semester: '14-'15: Fall Semester Survey Trigger: UNL Fall 2014 Instructor: Stephen D. Scott

Students: 31 Respondents: 24

77.4%

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 | 3 | 4 | 17 |

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: | 18 | 5 | 1 | 0 | 0 |

Base Questions item 6

| | More | 15 to | 12 to | 9 to | Less |
|--|---------|-------|-------|-------|--------|
| | than 18 | 17 | 14 | 11 | than 9 |
| | hours | hours | hours | hours | hours |
| 3. I am enrolled for the following number of credit hours this semester: | 1 | 3 | 8 | 11 | 1 |

| | More | 30 to | 20 to | 10 to | Less |
|--|------|-------|-------|-------|------|
|--|------|-------|-------|-------|------|

| | than 40 | 40 | 30 | 20 | than 10 |
|--|---------|-------|-------|-------|---------|
| | hours | hours | hours | hours | hours |
| 4. I currently work the following number of hours per week at a job: | 3 | 1 | 9 | 8 | 3 |

| | Yes | No |
|--|-----|----|
| 5. This course is my major field of study: | 20 | 4 |

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. | 1 | 0 | 0 | 7 | 16 | 0 | 4.54 | 5 | 0.88 |
| 7. I was academically prepared to take this course. | 1 | 0 | 1 | 13 | 9 | 0 | 4.21 | 4 | 0.88 |
| 8. I was challenged to think in this course. | 1 | 1 | 0 | 11 | 11 | 0 | 4.25 | 5,4 | 0.99 |
| 9. My course grade will be a fair representation of my learning. | 1 | 1 | 3 | 13 | 6 | 0 | 3.92 | 4 | 0.97 |
| 10. I treated the instructor fairly and respectfully. | 1 | 0 | 0 | 7 | 16 | 0 | 4.54 | 5 | 0.88 |
| | | | (| Questio | n Set Stati | istics | 4.29 | 5 | 0.94 |

| | Strongly Disagree (1) | Disagree (2) | Indifferent (3) | Agree (4) | Strongly Agree (5) | N/A () | mean | mode | Std. Dev. |
|-----------------------------------|-----------------------------|--------------|-----------------|-----------|--------------------------|---------------|------|------|--------------|
| 11. Before taking this course, my | | | | | | | | | |

| objectives of this course. 13. The organization of the course topics is reasonable and logical. 14. The pace at which course topics are covered is reasonable. 15. This course helped me improve my rational thinking, problem-solving and decision-making ability. 16. After taking this course my | interest in this subject was very high. | 1 | 0 | 2 | 9 | 12 | 0 | 4.29 | 5 | 0.95 |
|---|--|---|---|---|----|----|---|------|---|------|
| organization of the course topics is reasonable and logical. 14. The pace at which course topics are covered is reasonable. 15. This course helped me improve my rational thinking, problem-solving and decision-making ability. 16. After taking this course, my interest in this subject | understand the objectives of | 1 | 0 | 0 | 11 | 12 | 0 | 4.38 | 5 | 0.88 |
| at which course topics are covered is reasonable. 15. This course helped me improve my rational thinking, problem-solving and decision-making ability. 16. After taking this course, my interest in this subject 1 | organization of the course topics is reasonable | 1 | 0 | 0 | 12 | 11 | 0 | 4.33 | 4 | 0.87 |
| course helped me improve my rational thinking, 1 0 0 10 13 0 4.42 5 0.8 problem-solving and decision-making ability. 16. After taking this course, my interest in this subject | at which course topics are covered is | 1 | 1 | 1 | 9 | 12 | 0 | 4.25 | 5 | 1.03 |
| taking this course, my interest in this subject 1 0 1 5 17 0 4.54 5 0.9 | course helped me improve my rational thinking, problem- solving and decision- making | 1 | 0 | 0 | 10 | 13 | 0 | 4.42 | 5 | 0.88 |
| Question Set Statistics 4.37 5 0.9 | taking this course, my interest in this subject | 1 | 0 | | | | | | | 0.93 |

| | 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 | 2 | 1 | 1 | 9 | 10 | 1 | 4.04 | 5 | 1.22 |

| material. | | | | | | | | | |
|--|---|---|---|---------|-------------|--------|------|-----|------|
| 18. The method (or methods) of presenting information in class enhances my learning. | 1 | 1 | 0 | 10 | 12 | 0 | 4.29 | 5 | 1.00 |
| 19. The coursework helps me understand and apply the subject matter. | 1 | 1 | 0 | 12 | 10 | 0 | 4.21 | 4 | 0.98 |
| 20. The amount of coursework is reasonable for what I am expected to learn. | 1 | 1 | 1 | 12 | 9 | 0 | 4.13 | 4 | 0.99 |
| 21. Testing methods fairly measure my understanding of the course material. | 1 | 1 | 0 | 9 | 9 | 4 | 4.20 | 5,4 | 1.06 |
| | | | (| Questio | n Set Stati | istics | 4.17 | 4 | 1.04 |

| | 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. | 1 | 0 | 0 | 5 | 18 | 0 | 4.63 | 5 | 0.88 |
| 23. The instructor makes good use of class time. | 1 | 0 | 1 | 5 | 17 | 0 | 4.54 | 5 | 0.93 |
| 24. The | | | | | | | | | |

| instructor is enthusiastic and interested in teaching this course. | 1 | 0 | 0 | 5 | 18 | 0 | 4.63 | 5 | 0.88 |
|---|---|---|---|----|----|---|------|---|------|
| 25. The instructor treats students in a professional manner. | 1 | 0 | 0 | 6 | 17 | 0 | 4.58 | 5 | 0.88 |
| 26. New concepts and examples are clearly explained at a level students can comprehend. | 1 | 0 | 0 | 5 | 18 | 0 | 4.63 | 5 | 0.88 |
| 27. The instructor motivated me to understand and apply course concepts. | 1 | 0 | 0 | 8 | 15 | 0 | 4.50 | 5 | 0.88 |
| 28. The instructor provides useful feedback on how I am doing in the course. | 1 | 0 | 1 | 5 | 17 | 0 | 4.54 | 5 | 0.93 |
| 29. The instructor is accessible for help outside of the classroom. | 1 | 0 | 0 | 11 | 12 | 0 | 4.38 | 5 | 0.88 |
| Question Set Statistics | | | | | | | | 5 | 0.88 |

| | Strongly Disagree (1) | Disagree (2) | Indifferent (3) | Agree (4) | Strongly Agree (5) | IN/A | mean | mode | Std. Dev. |
|-------------------|-----------------------------|--------------|-----------------|-----------|--------------------------|------|------|------|--------------|
| 30. The classroom | | | | | | | | | |

| physical environment (e.g. temperature, lighting, acoustics) is comfortable for learning. | 0 | 1 | 2 | 9 | 12 | 0 | 4.33 | 5 | 0.82 |
|---|---|---|---|---------|-------------|--------|------|-----|------|
| 31. The classroom is free from outside distractions. | 0 | 0 | 2 | 10 | 12 | 0 | 4.42 | 5 | 0.65 |
| 32. The classroom design and furnishings do not interfere with my learning. | 0 | 3 | 2 | 6 | 13 | 0 | 4.21 | 5 | 1.06 |
| 33. The classroom has adequate instructional equipment and technology. | 0 | 1 | 1 | 11 | 11 | 0 | 4.33 | 5,4 | 0.76 |
| | | | (| Questio | n Set Stati | istics | 4.32 | 5 | 0.83 |

- 34. What are 1 or 2 specific things that helped you learn in this class?
 - Dr. Scott was clearly very interested in the material! The projects were fun and fair
 - teacher organization and good homework.
 - The lectures explained concepts very well and the textbook was a valuable resource
 - Homework Assignments, External Links in Class Webpage.
 - Lecturer give many good examples to explain difficult concept.
 - Pdf before class, Very careful about writing
 - Additional materials from open source projects
 - lecture slides assignments
 - The assignments were really in-depth and very useful for understanding the concepts.
 - The whole idea is great

- The professor explained things well, and communicated ideas with passion.
- Homework, lectures
- Seeing quick example runs through the algorithms
- Professor Scott was very clear in the way he explained topics.
- The programing assignment was good for helping me understanding the algorithms
- The assignments were really good. They helped in deeper understanding of the concepts learnt in the class. Allowing us to select our own projects based on our research (or interested) areas made a lot more sense. Class activities also helped in better understanding of the concepts
- The instructor was really good and interesting and motivating

- 35. What are 1 or 2 specific things that caused a problem with your learning in this class?
 - The focus on formal writing seemed a bit out of place but never really caused me any problems.`
 - I had no problems
 - Nothing specific.
 - Have not much time to read the textbook.
 - No
 - There are too many contents in this field that can not be taught in one semester
 - It was important to be an active coder for this class. It had been awhile since I was actively using data structures so it took time to catch up so the first homework assignment took a long time to complete. Once caught up, the assignments were much more manageable (and they got easier as the semester went on).
 - Nothing
 - The chairs in the classroom were broken (armrests where taken apart). This impeded learning.
 - Nothing
 - I had an 8:00 class right before, so I was always really tired.
 - I think I should have picked a different language for my algorithm implementations.
 - Sometimes I felt, the instructor laid very high focus on the accuracy of reports, presentation and not towards the actual assignment/work done.
 - Too wide

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

- Perhaps more emphasis on the projects and less on the final??
- I really liked how the course was structured
- Maybe Weigh Homework more I spent majority of my time doing the homework, and I feel like this should be representative in the course grade.
- Giving more bonus credits.
- Good
- Include some real world examples/cases
- The professor was a little "cold" during office hours. I always felt like I was bothering him so that was slightly discouraging. Being more open would have made me more enthusiastic about discussing my ideas.
- Improve the classroom, update the furnishings.
- Great course, keep up the good work.
- Try to get graded homework back before the next one is due so that we can take your comments into consideration while we write the next paper.
- Nothing!
- None
- Move to a narrower or longer class

- 37. Other comments that you would like to make:
 - Awesome Class, Would love to attend an Advanced Level course, if offered.
 - A few time we did "class assignments". When those came up I wanted to crawl in a corner and beg for my life... It was not practical to have half the class work together for an assignment. Splitting off into smaller groups would have made it better. Also we couldn't read the necessary information on the screen because it was too small. If we had the information on paper I would have been a lot more enthusiastic about doing it. They were good assignments, but only a few people would participate due to the awkward circumstances.
 - I just wish we can have a longer semester with Dr. Scott
 - Dr. Scott is very skilled at communicating complex concepts.
 - Thank you Dr. Scott, hope to join Dr. Scott's classes in the future.
 - The first HW was the hardest, others are fairly easy. If we can put the hard assignment later on would be more helpful.

Evaluation of Graders

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.

Somayeh Shahsavarani

Grader

| | Excellent (5) | Good (4) | Average (3) | Below Average (2) | Poor (1) | N/A () | mean | mode | Std. Dev. |
|---|---------------|-------------|-------------|-------------------------|----------|---------------|------|------|--------------|
| 38. The grader's respect for all students and sensitivity to their views are | 9 | 10 | 2 | 0 | 1 | 2 | 4.18 | 4 | 0.96 |
| 39. Graders maintain either one or two office hours every week. The adequacy of the grader's hours in the office/resource center is | 9 | 10 | 2 | 0 | 1 | 2 | 4.18 | 4 | 0.96 |
| 40. The grader's availability and punctuality at the office/resource center for the specified office hours is | 8 | 12 | 1 | 0 | 1 | 2 | 4.18 | 4 | 0.91 |
| 41. The quality of the grader's explanations during office/resource center hours is | 9 | 11 | 1 | 0 | 1 | 2 | 4.23 | 4 | 0.92 |
| 42. The grader's fairness in grading is | 11 | 9 | 2 | 0 | 1 | 1 | 4.26 | 5 | 0.96 |
| 43. The timeliness with which the grader returns the graded materials is | 9 | 10 | 3 | 0 | 1 | 1 | 4.13 | 4 | 0.97 |
| 44. The grader's feedback on written work he or she graded is | 7 | 12 | 3 | 0 | 1 | 1 | 4.04 | 4 | 0.93 |
| | 4.17 | 4 | 0.93 | | | | | | |

Grader Text Response

- 45. What strengths does the grader display?
 - She is Polite and Fair.
 - Good
 - She was very nice and didn't make me feel bad for asking "stupid questions." Very knowledgeable about the assignments so it was easy for her to help direct me in the right way.
 - Prompt Grading
 - Punctuality and clear comments
 - Very fair scores overall.
- 46. What areas does the grader need to improve in?
 - None. Maybe expedite the homework grading process, but I suppose grading homeowork for an entire class is not that easy.
 - More feedback.
 - She just grade a little portion of homework. Compared to other classes, how are she qualified to be a 20-hrs/week TA?!
 - Little feedback
 - some comments may not clear enough

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