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UNL Online Course Evaluation System

Individual Course Report - CSCE471 Sec. 001

CSCE471 Section 001: INTRO BIOINFORMATICS

Semester: '12-'13: Spring Semester

Survey Trigger: UNL Spring 2013

Instructor: Stephen D. Scott

Students: 11

Respondents: 9

81.8%

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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:	0	0	1	2	6

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:	3	3	3	0	0

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	0	3	5	1

Base Questions item 7

More than	30 to 40	20 to 30	10 to 20	Less than
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	40 hours	hours	hours	hours	10 hours
4. I currently work the following number of hours per week at a job:	2	1	2	3	1

Base Questions item 8

	Yes	No
5. This course is my major field of study:	7	2

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.	0	0	1	2	6	0	4.56	5	0.73
7. I was academically prepared to take this course.	0	1	1	5	2	0	3.89	4	0.93
8. I was challenged to think in this course.	0	1	0	3	5	0	4.33	5	1.00
9. My course grade will be a fair representation of my learning.	0	0	2	3	4	0	4.22	5	0.83
10. I treated the instructor fairly and respectfully.	0	0	0	4	5	0	4.56	5	0.53
Question Set Statistics							4.31	5	0.82

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	1	1	3	4	0	4.11	5	1.05
12. I understand the objectives of this course.	0	0	0	5	4	0	4.44	4	0.53
13. The organization of the course topics is reasonable and logical.	0	0	0	3	6	0	4.67	5	0.50
14. The pace at which course topics are covered is reasonable.	0	0	0	3	6	0	4.67	5	0.50
15. This course helped me improve my rational thinking, problem-solving and decision-making ability.	0	0	1	4	4	0	4.33	5,4	0.71
16. After taking this course, my interest in this subject is very high.	0	1	0	3	5	0	4.33	5	1.00
Question Set Statistics							4.43	5	0.74

Base Questions item 14

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	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.	0	0	0	4	5	0	4.56	5	0.53
18. The method (or methods) of presenting information in class enhances my learning.	0	0	2	4	3	0	4.11	4	0.78
19. The coursework helps me understand and apply the subject matter.	0	0	0	4	5	0	4.56	5	0.53
20. The amount of coursework is reasonable for what I am expected to learn.	0	1	0	4	4	0	4.22	5,4	0.97
21. Testing methods fairly measure my understanding of the course material.	0	0	1	2	2	4	4.20	5,4	0.84
Question Set Statistics							4.34	5	0.73

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	0	2	7	0	4.78	5	0.44
23. The instructor makes good use of class time.	0	0	0	2	7	0	4.78	5	0.44
24. The instructor is enthusiastic and interested in teaching this course.	0	0	0	1	8	0	4.89	5	0.33
25. The instructor treats students in a professional manner.	0	0	0	1	8	0	4.89	5	0.33
26. New concepts and examples are clearly explained at a level students can comprehend.	0	0	0	3	6	0	4.67	5	0.50
27. The instructor motivated me to understand and apply course concepts.	0	0	1	2	6	0	4.56	5	0.73
28. The instructor provides useful feedback on how I am doing in the course.	0	1	0	1	7	0	4.56	5	1.01
29. The instructor is accessible for help outside of the classroom.	0	0	0	4	5	0	4.56	5	0.53
Question Set Statistics							4.71	5	0.57

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.	0	0	1	5	3	0	4.22	4	0.67

31. The classroom is free from outside distractions.	0	0	1	5	3	0	4.22	4	0.67
32. The classroom design and furnishings do not interfere with my learning.	0	0	1	5	3	0	4.22	4	0.67
33. The classroom has adequate instructional equipment and technology.	0	0	0	6	3	0	4.33	4	0.50
Question Set Statistics							4.25	4	0.60

Base Questions item 20

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

- The homework was very helpful to learn the materials. Besides, the explanation of the instructor outside the class was really helpful and useful. Moreover, grading the topic summaries helps me to learn a lot.
- The homework assignments were extremely helpful and enjoyable while learning a new topic.
- different algorithms for alignment, scoring metrics
- Being able to ask questions from the instructor on homework assignments was helpful. The in class competitions also helped us to get a general overview of the topic for the homework.
- The games and topic summaries are really helpful.

Base Questions item 21

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

- The amount of materials presented in the class was too much for me. I had no background in Bioinformatics. I was very eager to learn about the hidden Markov model. Since I really like the way Dr. Scott teach, I decided to take this course. Maybe, that is why the course was difficult for me.
- None
- some stastical methods and formulas
- Nothing specific comes to mind.
- NA

Base Questions item 22

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

- 1- Student should try not to get behind the class. 2- To study each lecture before the class.
- It was great. Looking forward to taking another class with this instructor.
- Some of the homework assignments seemed a bit overly-extensive. Perhaps trim down the content a little, or divide them into smaller assignments. Also, at least with the third assignment, the Newick format gave me and a few other students some difficulty. Perhaps in the future, give some in class excercises or examples for working with it.

Base Questions item 23

37. Other comments that you would like to make:

- I suggest that Dr. Scott solves the game problems. I think it would be absolutely informative and instructive.
- One of the best classes I have ever taken.
- Overall a fun and interesting course. The homework, although time-consuming, was good for the learning process.

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