

# Course Evaluation System at UNL

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Question Period:

'05-'06: Spring Semester

Department:

Computer Science and Engineering (CSCE)

Professor: S

Stephen Scott

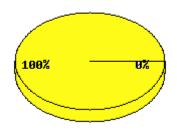
Class:

CSCE 990 062 Support Vector Machines CSCE990 Sec 001 Spring 2006 Section

<u>001</u>

## **Response Statistics**

Total Surveys: **7**Evaluated Surveys: **7** 



□ Completed Surveys

aph 📕 Uncompleted Surveys

#### [1] My year in college is:

<u> </u>				
Freshman	Sophomore	Junior	Senior	Graduate Student
0	0	0	0	7

## [2] My overall grade point average is:

4.0 to 3.5	3.5 to 3.0	3.0 to 2.5	2.5 to 2.0	Below 2.0
5	1	1	0	0

#### [3] I am enrolled for the following number of credit hours this semester:

More than 18 hours	15 to 17 hours	12 to 14 hours	9 to 11 hours	Less then 9 hours
0	0	1	6	0

#### [4] I currently work the following number of hours per week at a job:

More than 40 hours	30 to 40 hours	20 to 30 hours	10 to 20 hours	Less than 10 hours
0	0	4	3	0

# [5] This course is my major field of study:

Yes No

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	Strongly Disagree (1.00)	Disagree (2.00)	Indifferent (3.00)	Agree (4.00)	Strongly Agree (5.00)	N/A	Average	Mode	Standard Deviation
[6] I see myself as a motivated student in this course.	0	0	0	1	6	0	4.86	5.00	0.38
[7] I was academically prepared to take this course.	0	0	1	2	4	0	4.43	5.00	0.79
[8] I was challenged to think in this course.	0	0	0	1	6	0	4.86	5.00	0.38
[9] My course grade will be a fair representation of my learning.	0	0	0	3	4	0	4.57	5.00	0.53
[10] I treated the instructor fairly and respectfully.	0	0	0	1	6	0	4.86	5.00	0.38
				Ques	tion Se	t Stats	4.71	5.00	0.52

	Strongly Disagree (1.00)	Disagree (2.00)	Indifferent (3.00)	Agree (4.00)	Strongly Agree (5.00)	N/A	Average	Mode	Standard Deviation
[11] Before taking this course, my interest in this subject was very high.	0	1	0	1	5	0	4.43	5.00	1.13
[12] I understand the objectives of this course.	0	0	0	2	5	0	4.71	5.00	0.49
[13] The organization of the course topics is reasonable and logical.	0	0	0	1	6	0	4.86	5.00	0.38
[14] The pace at which course topics are covered is reasonable.	0	0	0	3	4	0	4.57	5.00	0.53
[15] This course helped me improve my rational thinking, problem-solving and decision-making ability.	0	0	0	2	5	0	4.71	5.00	0.49
[16] After taking this course, my interest in this subject is very high.	0	0	1	0	6	0	4.71	5.00	0.76
				Ques	tion Se	t Stats	4.67	5.00	0.65

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	Stronalv Disagree (1.00)	Disagree (2.00)	Indifferent (3.00)	Agree (4.00)	Strongly Agree (5.00)	N/A	Average	Mode	Standard Deviation
[17] The textbook, workbook, and/or lesson notes help me understand course material.	0	0	0	4	3	0	4.43	4.00	0.53
[18] The method (or methods) of presenting information in class enhances my learning.	0	0	0	2	5	0	4.71	5.00	0.49
[19] The coursework helps me understand and apply the subject matter.	0	0	0	2	5	0	4.71	5.00	0.49
[20] The amount of coursework is reasonable for what I am expected to learn.	0	0	0	2	5	0	4.71	5.00	0.49
[21] Testing methods fairly measure my understanding of the course material.	0	0	0	1	5	1	4.83	5.00	0.41
				Ques	tion Se	t Stats	4.68	5.00	0.47

	Strongly Disagree (1.00)	Disagree (2.00)	Indifferent (3.00)	Agree (4.00)	Strongly Agree (5.00)	N/A	Average	Mode	Standard Deviation
[22] The instructor is prepared for the class and is concerned about his or her preparation.	0	0	0	1	6	0	4.86	5.00	0.38
[23] The instructor makes good use of class time.	0	0	0	1	6	0	4.86	5.00	0.38
[24] The instructor is enthusiastic and interested in teaching this course.	0	0	0	0	7	0	5.00	5.00	0.00
[25] The instructor treats students in a professional manner.	0	0	0	1	6	0	4.86	5.00	0.38
[27] The instructor motivated me to understand and apply course concepts.	0	0	0	1	6	0	4.86	5.00	0.38

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[28] The instructor provides useful feedback on how I am doing in the course.	0	0	0	3	4	0	4.57	5.00	0.53
[29] The instructor is accessible for help outside of the classroom.	0	0	0	3	4	0	4.57	5.00	0.53
[26] New concepts and examples are clearly explained at a level students can comprehend.	0	0	0	3	4	0	4.57	5.00	0.53
Question Set Stats									0.43

	Strongly Disagree (1.00)	Disagree (2.00)	Indifferent (3.00)	Agree (4.00)	Strongly Agree (5.00)	N/A	Average	Mode	Standard Deviation					
[30] The classroom physical environment (e.g. temperature, lighting, acoustics) is comfortable for learning.	0	0	0	3	4	0	4.57	5.00	0.53					
[31] The classroom is free from outside distractions.	0	0	0	3	4	0	4.57	5.00	0.53					
[32] The classroom design and furnishings do not interfere with my learning.	0	0	0	3	4	0	4.57	5.00	0.53					
[33] The classroom has adequate instructional equipment and technology.	0	1	0	3	3	0	4.14	5.00	1.07					
				Ques	tion Se	Question Set Stats 4								

## [1] What are 1 or 2 specific things that helped you learn in this class?

- Good presentations and a nice text book
- The corse material was sufficient. The homeworks were very well designed for comprehending the topics and applying them practically.
- Topic summaries, as always, are good. Also, the last homework (implementation) really made things clearer for me. I have to get my hands on something to understand it.

# [2] What are 1 or 2 specific things that caused a problem with your learning in this class?

- Inadequate computational facilities, bad filesystems, etc.
- My lack of knowledge of machine learning.
- Some lack of bacground in machine learning theory.
- The pace seemed pretty fast, and at times I felt like I was just trying to keep my head above water. The last homework tied everything together nicely for me, though.

# [3] Please provide 1 or 2 practical suggestions on ways to help improve student learning in this course.

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- The text is adequate but is far too detailed. Maybe the Shawne-Taylor text is better?
- a discussion on the research questions suggested in topic summaries might be useful.

#### [5] Other comments that you would like to make:

• 33 - Disagree: the multimedia centers need a remote mouse button.

(1 = Strongly Disagree, 5 = Strongly Agree) Standard Deviation 1 2 3 4 5 Average Mode I learned more from doing the topic summaries and the course project 0 1 0 1 5 4.43 5.00 1.13 than I would have learned from taking exams. Doing the topic summaries helped me learn. 0 0 0 2 5 4.71 5.00 0.49 Grading the topic summaries helped me learn. 0 0 0 6 1 4.14 4.00 0.38 Question Set Stats 4.43 5.00 0.75

Give your opinion on how well the topics covered in class matched your expectations and how much they interested you.

- I am now able to produce ideas using kernel methods which was essential in my research. This
  was my goal for taking the class. So the covered topics highly matched my expectations and
  took my interest greatly.
- Just my opinion, but I would have moved the SVMs For Learning lecture to just after the Kernel Intro. This would allow students to see the big picture, then go back and fill in the gaps.

Otherwise no problems at all.

- could have covered one or two more topics.
- do not rush to the last slide. even if you are on the second to last slide just stop without going to
  the topic summary slide:-). the more you rush the more the students will hold you back

Offer your opinion on the amount of work required for this course, especially on the homework.

- I think the homeworks were pretty much demanding, but I guess thats all right
- It's fair amount of work.
- The homeworks can be more than 3, and reducing the topic summary number could be better.
- The work was about right. I would omit the "theoretical" exercises that were too simple and somewhat extraneous.

It may be of benefit to have more guidelines about the scope of the projects. I'm still not sure if what I'm doing is adequate.

- The workload seemed pretty high for me, but I got a lot out of all the assignments. If I had
  another class with an equivalent workload at the same time, though, I would probably be sitting
  at a bus stop muttering to myself right now.
- it was good enough. had a lot of fun.

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