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# Custom Report

**Prepared for:** Stephen D. Scott

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## CSCE423 Section 001: DSGN&ANLYS ALGORTHMS

**Semester:** 1138

**Instructor:** Stephen D. Scott

**Students:** 26

**Respondents:** 24

**Response Rate:** 92.31%

### Base Questions item 4

	Freshman	Sophomore	Junior	Senior	Graduate Student
My year in college is:	1	0	2	8	13

### 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
My overall grade point average is:	10	9	5	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
I am enrolled for the following number of credit hours this semester:	0	2	7	14	1

### Base Questions item 7

	More than 40 hours	30 to 40 hours	20 to 30 hours	10 to 20 hours	Less than 10 hours
I currently work the following number of hours per week at a job:	1	2	9	8	4

### Base Questions item 8

	Yes	No
This course is my major field of study:	18	6

**Base Questions item 10**

	<b>Strongly Disagree (1)</b>	<b>Disagree (2)</b>	<b>Indifferent (3)</b>	<b>Agree (4)</b>	<b>Strongly Agree (5)</b>	<b>N/A 0</b>	<b>mean</b>	<b>mode</b>	<b>Std. Dev.</b>
I see myself as a motivated student in this course.	0	0	1	10	13	0	4.50	5	0.59
I was academically prepared to take this course.	0	2	1	9	12	0	4.29	5	0.91
I was challenged to think in this course.	1	0	1	4	18	0	4.58	5	0.93
My course grade will be a fair representation of my learning.	1	2	6	6	9	0	3.83	5	1.17
I treated the instructor fairly and respectfully.	0	0	0	13	11	0	4.46	4	0.51
<b>Question Set Statistics</b>							4.33	5	0.88

**Base Questions item 12**

	<b>Strongly Disagree (1)</b>	<b>Disagree (2)</b>	<b>Indifferent (3)</b>	<b>Agree (4)</b>	<b>Strongly Agree (5)</b>	<b>N/A 0</b>	<b>mean</b>	<b>mode</b>	<b>Std. Dev.</b>
Before taking this course, my interest in this subject was very high.	0	2	1	12	9	0	4.17	4	0.87
I understand the objectives of this course.	0	0	0	14	10	0	4.42	4	0.50
The organization of the course topics is reasonable and logical.	0	0	2	10	12	0	4.42	5	0.65
The pace at which course topics are covered is reasonable.	0	0	0	11	13	0	4.54	5	0.51
This course helped me improve my rational thinking, problem-solving and decision-making ability.	0	1	0	8	15	0	4.54	5	0.72
After taking this course, my interest in this subject	0	0	5	7	12	0	4.29	5	0.81

is very high.									
<b>Question Set Statistics</b>							4.40	5	0.69

**Base Questions item 14**

	<b>Strongly Disagree (1)</b>	<b>Disagree (2)</b>	<b>Indifferent (3)</b>	<b>Agree (4)</b>	<b>Strongly Agree (5)</b>	<b>N/A (0)</b>	<b>mean</b>	<b>mode</b>	<b>Std. Dev.</b>
The textbook, workbook, and/or lesson notes help me understand course material.	0	0	2	11	11	0	4.38	5,4	0.65
The method (or methods) of presenting information in class enhances my learning.	0	0	1	12	11	0	4.42	4	0.58
The coursework helps me understand and apply the subject matter.	0	0	0	12	12	0	4.50	5,4	0.51
The amount of coursework is reasonable for what I am expected to learn.	0	2	1	11	10	0	4.21	4	0.88
Testing methods fairly measure my understanding of the course material.	3	2	5	7	7	0	3.54	5,4	1.35
<b>Question Set Statistics</b>							4.21	4	0.91

**Base Questions item 16**

	<b>Strongly Disagree (1)</b>	<b>Disagree (2)</b>	<b>Indifferent (3)</b>	<b>Agree (4)</b>	<b>Strongly Agree (5)</b>	<b>N/A (0)</b>	<b>mean</b>	<b>mode</b>	<b>Std. Dev.</b>
The instructor is prepared for the class and is concerned about his or her preparation.	0	0	1	4	19	0	4.75	5	0.53
The instructor makes good use of class time.	0	1	0	5	18	0	4.67	5	0.70
The instructor is enthusiastic and interested in teaching this course.	0	0	1	4	19	0	4.75	5	0.53

The instructor treats students in a professional manner.	0	0	0	7	17	0	4.71	5	0.46
New concepts and examples are clearly explained at a level students can comprehend.	0	0	1	6	17	0	4.67	5	0.56
The instructor motivated me to understand and apply course concepts.	0	0	2	11	11	0	4.38	5,4	0.65
The instructor provides useful feedback on how I am doing in the course.	0	0	8	7	9	0	4.04	5	0.86
The instructor is accessible for help outside of the classroom.	0	1	1	8	13	1	4.43	5	0.79
<b>Question Set Statistics</b>							4.55	5	0.68

### Base Questions item 18

	<b>Strongly Disagree (1)</b>	<b>Disagree (2)</b>	<b>Indifferent (3)</b>	<b>Agree (4)</b>	<b>Strongly Agree (5)</b>	<b>N/A (0)</b>	<b>mean</b>	<b>mode</b>	<b>Std. Dev.</b>
The classroom physical environment (e.g. temperature, lighting, acoustics) is comfortable for learning.	0	3	2	13	6	0	3.92	4	0.93
The classroom is free from outside distractions.	0	1	1	14	8	0	4.21	4	0.72
The classroom design and furnishings do not interfere with my learning.	1	1	2	12	8	0	4.04	4	1.00
The classroom has adequate instructional equipment and technology.	0	1	0	12	11	0	4.38	4	0.71
<b>Question Set Statistics</b>							4.14	4	0.85

### Base Questions item 20

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

- Prof. Scott's simple and clear explanations.
- Great at presenting the material in a way that makes it easier to understand as it is a pretty hard subject in some cases. Thought the in class activities were good.
- Lectures and homework assignments
- The enthusiasm of the instructor.
- The quiz, during the semester was helpful to learn the algorithms.
- Going over algorithms multiple times. The competition was a good representation of whether or not I understood the material.
- Professor Scott is awesome, great at explaining concepts
- \* The professor. \* Classmates.
- Give the distribution of scores of each homework is helpful Give in class group exercise and quiz
- I found in-class exercises especially helpful and thought the homeworks were thoughtfully designed.
- Quiz
- assignments
- Homework assignment, in-class quiz
- The homework assignments, although quite difficult, helped me learn and apply a lot of the course material. Also the book was really helpful in refining the ideas and filling in any gaps in my understanding from the lectures.
- I have taken courses with a lot of professors in this department and Dr. Scott is my favorite teacher. The enthusiasm he brings in the class is just really amazing.

### Base Questions item 21

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

- n/a
- Some times the pace may have been a little slow.
- The grading method was not fair at all. It was not consistent. Students were not qualified enough for grading. For all graded Homework, I had to talk with instructors because there was always something wrong. I liked the course, I liked the way Dr. Scott taught, but I hated the grading method. It made me suffer and discouraged me. Moreover, the questions of the midterm were too difficult. It is not usual that the average of the class get 57/100. I am not a genius. I am here to learn. The questions should be at the level of the materials in the text book. All these things made me too stressful to focus on the learning.
- That had to be the most cramped, uncomfortable arrangement of desks ever!
- \* The tests required a kind of reasoning, using the topics learned, I felt I just wasn't ready for.
- I feels that a lot of time was wasted in answering questions that should be self-clear or explained in the handout. I understand the instructor can not refuse to answer these question, but I feel it could be better to find a method to prevent these things happened. TA might be the person do the job for the instructor
- The temperature in the class was too cold.
- Explanation of problem
- Some Concepts from fundamental courses in this field
- The biggest thing was likely my own procrastination. For one or two of the assignments, I didn't start them until far too late so I ended up skipping class to get the homework done.
- Nothing I can think of. I think I did well in the class.

### Base Questions item 22

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

- Read Cormen alongside Prof. Scott's lectures; both will give you a great grounding in how to approach general problems.
- N/a
- It can be helpful if the instructor solves some problems in the class to teach how to approach to solve problems.
- Different room
- \* Allow for work groups or collaborated homeworks.
- It might be helpful to have a discussion board set up so students can ask questions about homework and topics anonymously
- Questions should be argued with figures or images
- Provide some readings about how and where these algorithms are applied in real-world.
- I liked grading other students' work. It was really interesting to see how different people wrote up proofs and the different approaches that people took to the same problems.
- I think students may need more than a week to finish the homework, specially when either they are in last semester or taking a lot of other courses.

### Base Questions item 23

Other comments that you would like to make:

- Prof. Scott rules!!!
- The test may have been a little lengthy for the amount of time we got to complete it.
- 1. Time to finish quizzes was always a problem for me to finish the quiz even though when I knew the answer. 2. TA was not as helpful as I expected. She hardly would provide any help or hint that could help me progress on the homework problem set. 3. Assessing our peers-homework was not as productive as I would have expected, the grading was not as fair as possible in some situations ( not enough experience in grading assignments, subjective observation, etc).
- Dr. Scott is one of the most engaging professors I've had.
- I disagree with whole idea of the grading by students. I believe that for this special course it does not work regardless of who is TA. I suggest two TA for this course instead of one.
- \* Professor Scott is a great teacher. He makes the class entertaining and flowy.
- Overall good course, Dr. Scott is one of my favorite professors because he explains concepts so well.
- I really enjoyed this course and I think its one of the most applicable CS courses I've taken. I'd highly recommend this course to any CS major.

### GTA

#### Lina Yu

	Excellent (5)	Good (4)	Average (3)	Below Average (2)	Poor (1)	N/A (0)	mean	mode	Std. Dev.
The GTA's preparation for the course, recitation and/or lab sections is	6	8	3	0	1	6	4.00	4	1.03
The GTA's effectiveness at stimulating productive discussions is	6	6	2	1	1	8	3.94	5,4	1.18

The GTA's respect for all students and sensitivity to their views are	10	7	5	1	0	1	4.13	5	0.92
The adequacy of the GTA's hours in the office/resource center is	9	8	5	1	0	1	4.09	5	0.90
The GTA's punctuality at office/resource center for the specified office hours is	11	10	0	1	0	2	4.41	5	0.73
The GTA's availability at office/resource center for the specified office hours is	12	9	1	0	0	2	4.50	5	0.60
The quality of the GTA's explanations during office/resource center hours is	7	8	4	4	0	1	3.78	4	1.09
The GTA's fairness in grading is	10	5	4	3	1	1	3.87	5	1.25
The timeliness with which the GTA returns the graded materials is	12	8	1	3	0	0	4.21	5	1.02
The GTA's feedback on written work he or she graded is	8	6	8	1	1	0	3.79	3,5	1.10
The extent to which the recitation/lab section is beneficial.	10	2	1	0	1	10	4.43	5	1.16
The communication skills of the GTA are	10	7	3	1	2	1	3.96	5	1.26
<b>Question Set Statistics</b>							4.08	5	1.04

## GTA Text Response

### Lina Yu

What strengths does the GTA display?

- n/a
- Available when needed
- She is working hard and she cares about the instructor's opinion.
- Punctual in getting grades back, very available
- On time
- timeliness
- Lina was very good about getting homework and quizzes back to us in a timely manner. Whenever I had problems, she was willing to put in extra time to try to answer my questions and provide clarification on grading.



What areas does the GTA need to improve in?

- n/a
- N/a
- Explanations on problems were barely possible to understand, I would hardly consider them helpful. Communication skills can be beneficial towards this course, and more engagement and interest on the course.
- She can work more on her communication skills.
- Would have liked more feedback on missed questions.
- There would be several feasible solutions for an algorithm question, accordingly ways of proof. It will be better if the grader can be more flexible to understand those solutions and proofs which are different from the 'standard answer'.
- At times it seems like she didn't try to understand my question entirely and therefore wouldn't always give a satisfactory answer. That being said, she was still quite helpful in resolving issues and answering questions.

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