

Instructor: Christensen, Jens G.

Course: Seminar: Applied Mathematics

3 surveys / 6 enrolled in MATH 482 A (TBA TBA)

## Student:1

Reason(s): Major or minor requirement

Additional Reason(s):Effort: I put a great deal of effort in this course.Understanding & Appreciation: This course allowed me to learn about and apply relevant and interesting real world mathematic processes on a new situation.Intellectual Growth: This course allowed me to work on my critical thinking and problem solving skills in many situations.Quality: I think Professor Christensen has done a great job teaching this course. It felt like the perfect balance between independence and still having structure/guidance whenever we needed help.

Effectiveness Conveying Course Material	Teacher-Student Interaction and Rapport	Course Standards and Challenge	Grading and Evaluation	Student Self-Rated Learning	Other Aspects of Teaching
1: SA	3: SA	8: SA	5: SA	2: SA	13: SA
7: SA	10: SA	14: SA	17: SA	4: SA	21: NA
9: SA	15: SA	20: SA	19: SA	6: SA	22: SA
12: SA				11: SA	
18: SA				16: SA	

## Student:2

Reason(s): Major or minor requirement

Additional Reason(s):Effort: Since it was the seminar course for my major, it was a lot of independent work that I had to do on my own. The professor was there only to guide me. As such, I put in a great deal of effort to complete all the parts for the final project, from researching the topic to writing the final report. I was expected to put in about 8 hours every week, and did my best to meet those expectations.Understanding & Appreciation: Although the project was a topic of my choosing, I still learned a lot about it from researching the material. As such, I feel that I've gained a good understanding of what I researched, and am confident in my ability to explain what I did to others.Intellectual Growth: As this course was much more independently driven compared to other courses I've taken, I've learned how to guide myself through the project. When I got stuck somewhere, I had to learn how to go around it with little to no guidance from the professor. It's taught me how to be an independent researcher, problem solver, and thinker.Quality: As there was no real course material to teach, I cannot say much about the quality of teaching. However, I do appreciate the feedback given to me on assignments and have taken them into consideration when writing my report.

Effectiveness Conveying Course Material	Teacher-Student Interaction and Rapport	Course Standards and Challenge	Grading and Evaluation	Student Self-Rated Learning	Other Aspects of Teaching
1: NA	3: SA	8: NA	5: A	2: NA	13: NA
7: NA	10: A	14: SA	17: A	4: A	21: NA
9: NA	15: NA	20: SA	19: A	6: A	22: A
12: NA				11: A	
18: NA				16: NA	

## Student:3

Reason(s): Major or minor requirement

Additional Reason(s):Effort: I put a tremendous amount of effort in this course, with hundreds of hours logged on my time sheets. This math thesis was probably the most challenging course I have taken at Colgate, both in terms of workload and conceptual understanding. However, I put in the time necessary to struggle and learn the material and perform well on all the assignments throughout the research process.Understanding & Appreciation: I learned an interdisciplinary method that helped me meld my two majors and improve my understanding of the ability to apply mathematical techniques to other fields of interests. Although the technique I studied was completely new to me, engaging with the toolset undoubtedly improved my mathematical understanding and my intellectual character.Intellectual Growth: This course challenged me to study and think independently as well as self-set deadlines to ensure I performed well on all intermediate assignments. I think this course was extremely difficult and time-consuming but certainly has made me more confident in my ability to complete quality research in both mathematics and applied fields.Quality: Professor Christensen was very helpful throughout the research process and gave valuable feedback that greatly improved

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my understanding of the material and the quality of my research. I think that the pacing of the course could have been better - in particular, having to give a progress report and presentation a week after submitting peer reviews on the proposal was very difficult and distracted from my ability to actually research. In fact, I think that the progress presentations were somewhat excessive; I would have preferred having one less progress report (two weeks after peer reviews) and then only doing a presentation for the proposal, a presentation for the paper draft, and the final presentation. Overall, though, Christensen was very flexible and supportive and I am glad he was my research advisor.

Effectiveness Conveying Course Material	Teacher-Student Interaction and Rapport	Course Standards and Challenge	Grading and Evaluation	Student Self-Rated Learning	Other Aspects of Teaching
1: A	3: A	8: SA	5: A	2: A	13: N
7: NA	10: A	14: A	17: A	4: A	21: NA
9: NA	15: NA	20: SA	19: A	6: SA	22: A
12: NA				11: SA	
18: A				16: A	

**Likert Key:** SA=Strongly agree, A=Agree, N=Neither agree nor disagree, D=Disagree, SD=Strongly disagree, NA=Not applicable