

Instructor: Christensen, Jens G.

Course: Real Analysis I

7 surveys / 12 enrolled in MATH 377 A (MWF 1140)

Student:1

Reason(s): Major or minor requirement

Additional Reason(s): I took this class because I had toEffort: I worked insanely hard in this class by completing every homework problem and then doing every single extra problem. I attended 80%+ of office hours and watched every video twice.Understanding & Appreciation: I feel like this course has helped grow my understanding of real analysis and how pure mathematics worksIntellectual Growth: This course has taught me that math is difficult and that putting in time does not always have a linear relationship with performance. I have worked extraordinarily hard over this semester to learn real analysis. I have tried lots of new methods for studying. This course has been the most difficult course I have taken at Colgate and likely will take .Quality: Although I am often infuriated with real analysis the subject, I have to say that Professors Christensen has been an excellent professor. His articulate instruction and willingness to explain concepts, re-explain concepts, and re-re-explain concepts is commendable. I have thoroughly enjoyed the prerecorded video format as it provides the opportunity to pause the video and think about the question. However, I believe on the topic of testing professor Christensen should consider increasing the allotted time or decreasing the number of questions on the exam as it does not provide ample time to check the work and put my best foot forward.

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: A	22: SD
12: SA				11: SA	
18: SA				16: SA	

Student:2

Reason(s): Major or minor requirement

Additional Reason(s):Effort: I did the work and all but one of the homeworks. Studied for tests.Understanding & Appreciation: Proving things is cool. You make calculus like newton or whoever did!Intellectual Growth: Math is super dope. Proving things is fun. I like the progression of the course.Quality: Professor Christensen is dope I like him. Very practical mathematical dude. Very nice.

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1: SA	3: SA	8: SA	5: SA	2: SA	13: SA
7: SA	10: SA	14: SA	17: SA	4: SA	21: SA
9: SA	15: SA	20: SA	19: SA	6: SA	22: SA
12: SA				11: SA	
18: SA				16: SA	

Student:3

Reason(s): Major or minor requirement

Additional Reason(s):Effort: I need to review the class notes very carefully in order to handle the homework questions well.Understanding & Appreciation: It gives me a better understanding of what is behind Calculus.Intellectual Growth: I think after proving a lot of math questions, my logic and structure about organizing known things to solve the unknowns are better than before.Quality: Professor Christensen is very accessible and organized. He prepares the class material very thoroughly and tries his best to enable us to understand the hard parts. Although the course is challenging, it is still a really interesting class since every time you solve the problem, you will feel excited about both the problem and yourself.

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1: A	3: A	8: A	5: A	2: A	13: A
7: SA	10: A	14: SA	17: A	4: A	21: A
9: A	15: A	20: SA	19: SA	6: A	22: A
12: SA				11: A	
18: A				16: A	

Student:4

Reason(s):

Additional Reason(s):Effort:Understanding & Appreciation:Intellectual Growth:Quality:

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1: SA	3: SA	8: SA	5: SA	2: SA	13: SA
7: SA	10: SA	14: SA	17: SA	4: SA	21: SA
9: SA	15: SA	20: SA	19: SA	6: SA	22: SA
12: SA				11: SA	
18: SA				16: SA	

Student:5

Reason(s): Major or minor requirement

Additional Reason(s):

Effort: I put a lot of effort into this course. It was probably the most difficult math course I have had to take at Colgate. No matter how many hours I spend studying, I usually do not end up doing well on the exams.

Understanding & Appreciation: The critical and abstract thinking writing proofs involves is a struggle for me. No matter how much I study the theorems and proofs we learned how to do in class, I always had a difficult time with where to start.

Intellectual Growth: This class definitely made me question more about theorems I've learned in math classes in the past, like where they came from and why they exist/work in the reals. It also made me use my critical thinking side a lot, because instead of using systematic methods to answer problems where the answer is black and white, I had to think outside the box when examining how to go about a proof.

Quality: I struggled with the way this course was taught. It wasn't really explained why we would go about doing proofs in a certain way, and I think this would've helped me a lot because I always had a difficult time deciding which route to go.

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1: SA	3: A	8: SA	5: N	2: N	13: A
7: A	10: A	14: SA	17: D	4: N	21: A
9: N	15: SA	20: SA	19: A	6: A	22: A
12: SA				11: A	
18: A				16: A	

Student:6

Reason(s): Major or minor requirement

Additional Reason(s):

Effort: I put a lot of effort into this class because I found it so difficult I had to to keep up.

Understanding & Appreciation: I appreciate the subject more, but I cannot say I enjoy it because I do not like pure math topics. I did find it interesting to prove things that seemed trivial in calc i and ii.

Intellectual Growth: I learned how to effectively study in groups due to a study group that I formed for this course.

Quality: Prof Christensen is a good professor and is very organized. I appreciate his problem sets and the way he structured the

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course. It felt very constructive even over zoom. However, he did seem to get less and less accessible as the semester went on, for example not offering office hours before exams and giving more terse responses over email. All in all I think reals was as good as could be offered given I did not want to take it and I liked Professor Christensen a lot.

His grading standards were a bit vague, I still do not understand how he grades proofs and how to standardize the grading.

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7: A	10: A	14: SA	17: D	4: A	21: NA
9: N	15: A	20: SA	19: A	6: D	22: SD
12: SA				11: A	
18: A				16: N	

Student:7Reason(s):Additional Reason(s):Effort:Understanding & Appreciation:Intellectual Growth:Quality:

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1: A	3: A	8: A	5: A	2: A	13: A
7: A	10: A	14: A	17: A	4: A	21: A
9: A	15: A	20: A	19: A	6: A	22: A
12: A				11: A	
18: A				16: A	