

Instructor: Christensen, Jens G.

Course: Real Analysis II

6 surveys / 7 enrolled in MATH 487 A (MWF 1020)

Student:1

Reason(s): Elective within major or minor
 Reputation of the instructor
 Interest in the course material

Additional Reason(s): The importance of this course and material was very well explained in Reals I, which motivated me to take this course as well.

Effort: Reviewed notes weekly, finished all homework problems (both hand-in and extra), solved extra problems in the recommended textbook.

Understanding & Appreciation: I was very excited to see the material in this course, and was very satisfied. We talked in Reals I about how the Riemann integral is insufficient in many ways, and the construction of the Lebesgue integral was covered very thoroughly. This course also furthered my interest in analysis. Found the topic of Fourier transforms to be very cool, and am glad it is covered.

Intellectual Growth: In particular, learning about Lebesgue measure indirectly helped me understand material from other classes better, such as probability measures, Fourier transforms. Also helped me understand a little better on how mathematicians think, e.g., who came up with the idea of Lebesgue measure and why.

Quality: Professor Christensen did a wonderful job teaching this class — I was particularly impressed with him being able to lecture mostly without notes. This made the class a lot more engaging, and as a student, it was insightful for me to see how Professor Christensen would work through proofs. I like the idea of having an oral final, as Professor Christensen mentions, is better preparation for graduate school, and being able to present a material will help us understand better. The only suggestion I have is when working through examples and computations of integration, it may be more efficient to use notes to prevent mistakes, and because we have seen techniques of Riemann integration before. Extremely satisfied with the overall presentation of the course.

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: SA
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: I attended class, I took notes, I read along in the text book, I did the homeworks, and I studied for the exams in advanced

Understanding & Appreciation: The contents of this course are generally interesting. It is interesting to rigorously prove things that we take for granted in calculus.

Intellectual Growth: This course has helped me learn more problem solving techniques.

Quality: Professor Christensen is an amazing professor. He is passionate about his material and that passion makes the lecture more entertaining. I like how he takes input from students during class. For example if we ask if we can do a proof another way, he will take the time to walk us through that method. He demonstrates his thought process while he is working through a proof, and for me that is one of the best ways to learn how to do math. He cares about his students and will check in on us before and after class. I am very glad that I got to take this course with Professor Christensen, and I would recommend his courses to anyone who wants to learn math.

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

Student:3

Reason(s): Elective within major or minor

Additional Reason(s):

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Effort: I did quite a lot of homework and independent study for the class.Understanding & Appreciation: It opened up a new area for me to study.Intellectual Growth: The oral exam helped me get ready for grad school.Quality: I think it was really good.

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: SA
9: SA	15: SA	20: SA	19: SA	6: SA	22: SA
12: SA				11: SA	
18: SA				16: SA	

Student:4

Reason(s): Elective within major or minor

Additional Reason(s):Effort: I put a lot of effort in this course. Most of it was in working through class proofs, since the homeworks were usually readily doable using the theorems proven in class and the book.Understanding & Appreciation: It opened my eyes to a whole new area of mathematics, one that is very general and useful to mathematicians, which I appreciate.Intellectual Growth:Quality: The professor did the usual mathematics lecture, and he was good at going through it and answering questions. The one misgiving I have is that sometimes proofs seemed to go wrong for a bit, losing out on class time. Since the professor already had notes for the proofs, referring to those more could do the trick.

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

Student:5

Reason(s): Elective within major or minor

Additional Reason(s):Effort: Mostly doing homework and preparing for tests; on average 3 to 4 hours per week.Understanding & Appreciation:Intellectual Growth:Quality: Sometimes, I hope the professor can slow down a bit or explain some steps more clearer.

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

Student:6

Reason(s):

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

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Quality:

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1: A	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: A				11: SA	
18: SA				16: SA	

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