

Instructor: Christensen, Jens G.

Course: Calculus II

17 surveys / 20 enrolled in MATH 162 B (MWF 0920)

Student:1

Reason(s): Major or minor requirement  
 Core or Areas of Inquiry (distribution) requirement  
 Interest in the course material

Additional Reason(s):

Effort: I attended nearly every class and was always very attentive. During class, I put a lot of effort into trying to understand the course materials, but that wasn't always enough to grasp the topic completely. I did my best with the homework and I studied for tests.

Understanding & Appreciation: This course taught me a lot about calculus. Calculus is fascinating, but my own interest in pursuing it further decreased after taking this class.

Intellectual Growth: I don't know honestly.

Quality: The quality of teaching was high. It would have been nice to have review sessions before the tests instead of relying solely on independent studying to prepare for tests.

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

Student:2

Reason(s): Major or minor requirement  
 Exploration of possible major or minor  
 Interest in the course material

Additional Reason(s):

Effort: I put in 4-5 hours a week to study and finish assignments for the class.

Understanding & Appreciation: though the course itself is rigorous, his lessons helps me to learn more about the subject without losing an interest.

Intellectual Growth: He is always available when students need him and he sends us extra learning materials outside of the class if he thinks it would help students.

Quality: Overall, I love all his lessons and his teaching style.

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:3

Reason(s): Exploration of possible major or minor  
 Interest in the course material

Additional Reason(s):Effort:

Understanding & Appreciation: This course allowed me to think critically but also learn how certain patterns develop within specific topics, so I would say that it contributed to my overall appreciation for the course.

Intellectual Growth: This course, like I mentioned before, allowed me to use my brain to make patterns and identify the simplest path to solve complex problems.

Quality: The professor did a very good job explaining the material and his accessibility was very helpful in clarifying any doubt. I would say that the professor should ask some more questions just to confirm that everyone understands the topic. Also given that this class is pretty early, he did a wonderful job keeping all of the students engaged.

Instructor: Christensen, Jens G.

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

**Student:4**

Reason(s): Core or Areas of Inquiry (distribution) requirement

Additional Reason(s):Effort: I spent most of my time studying and preparing for this class this semester.Understanding & Appreciation: I have a greater appreciation for Mathematics majors because this course was difficult, and it is a lower level course for Math majors.Intellectual Growth: It helped me create a stronger work ethic for classes I may struggle with again in the future.Quality: I was not a fan of the style of teaching in class, but his office hours and tutors during the week were extremely helpful.

Overall, I would say the quality of teaching is good considering class time and office hours/tutoring.

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: D	13: N
7: N	10: A	14: A	17: A	4: D	21: NA
9: D	15: A	20: SA	19: A	6: D	22: N
12: A				11: D	
18: A				16: N	

**Student:5**

Reason(s): Major or minor requirement

Interest in the course material

Additional Reason(s): I took this course (although not necessarily a course requirement for the physics major track) because I wanted to become more efficient in solving problems in Calculus II, which I noted was my weakest point in my high school mathematics curriculum.Effort: I put in significant effort outside of class to read the textbook, solve the homework problems, and prepare for exams.Understanding & Appreciation: I feel as though I gained a better understanding of Calculus II concepts. I was able to appreciate the beauty of sequences and series much better, in particular.Intellectual Growth: I was challenged more in this course than I have been in any other previous math courses. I had to learn how to study effectively; whereas in high school I would often know the answer without much effort, this course taught me how to study mathematics in a more effective manner.Quality: Professor Christensen is very organized. I did not find that he was quite as approachable as my physics professors, but he was certainly available and was able to answer my questions. I found class notes to be especially useful in solving homework problems and in preparing for exams. There were times that I had to turn to other materials and websites to gain different descriptions of how to solve problems, but the overall quality of teaching in class was 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: N	3: N	8: SA	5: SA	2: A	13: D
7: A	10: A	14: A	17: A	4: A	21: N
9: A	15: A	20: SA	19: A	6: A	22: A
12: SA				11: A	
18: A				16: A	

**Student:6**

Reason(s): Exploration of possible major or minor

Reputation of the instructor

Additional Reason(s):

Instructor: Christensen, Jens G.

Course: Calculus II

17 surveys / 20 enrolled in MATH 162 B (MWF 0920)

Effort: I put a great deal of effort into this course.Understanding & Appreciation: This course helped me to grasp concepts in calculus and learn how to approach a wider array of problems efficiently.Intellectual Growth: Since the course greatly challenged me, it strengthened my ability to persist through difficult problems that I have rarely, or never, seen before.Quality: Professor Christensen clearly cares that his students learn the course material and helpful tools to use in solving problems. He brought a healthy sense of humor to class and asked us plenty of questions each day while being patient with our thought processes.

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

**Student:7**Reason(s): Major or minor requirement  
Interest in the course materialAdditional Reason(s):Effort: I work very hard in this class. I study maybe 6 hours for each test and I spend about an hour each night doing the homework.Understanding & Appreciation: This course made me understand calculus a lot better and showed me how many uses it has in real life.Intellectual Growth: I think this course made me even more interested in math. The challenge of understanding some of the concepts is really rewarding and gives me confidence in my other classes.Quality: I think Professor Christensen is a great instructor. He is clear and concise when explaining difficult concepts to us. He is also usually always available through office hours which helps a lot.

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

**Student:8**Reason(s): Exploration of possible major or minor  
Interest in the course materialAdditional Reason(s):Effort: Fair amount.Understanding & Appreciation: Obtained a clear understanding. Will do calc 3 and linear algebra.Intellectual Growth: Obtained more comprehensive understandingQuality: Easy to understand. Lecturer approachable.

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

**Student:9**

Instructor: Christensen, Jens G.

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17 surveys / 20 enrolled in MATH 162 B (MWF 0920)

Reason(s): Major or minor requirement  
 Exploration of possible major or minor

Additional Reason(s):

Effort: Prepare every exam carefully

Understanding & Appreciation: I learn more about the process of how a formula be derived.

Intellectual Growth: It helps me to know how to solve problems flexibly

Quality: The professor is so good, and even if he makes mistakes sometimes he will correct his mistakes as quick as possible.

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: 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	

### Student:10

Reason(s): Major or minor requirement  
 Exploration of possible major or minor

Additional Reason(s):

Effort: The majority of the time I put into studying this class is to review all the mistakes I made when doing the homework. I do put in a decent amount of effort in the class, and I am satisfied by the result that I get.

Understanding & Appreciation: Although I have taken ap calculus, I found Professor Christensen's teaching meaningful. He teaches me many knowledge that will be useful for my major.

Intellectual Growth: To some extent, this course gives me a better understanding of my limit. It pushes me to work as hard as I can, and I appreciate the challenge.

Quality: Professor Christensen is a really helpful teacher, I will recommend him to anyone wants to take calculus II. He is really good at explaining concepts and that really helps me.

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

### Student:11

Reason(s): Other requirement

Additional Reason(s):

Effort: i had to put so much extra work into this class than I was expecting because the professor was unable to effectively teach the material to me.

Understanding & Appreciation: only understand it enough to take the test and not even do well on it, no appreciation for the course subject

Intellectual Growth: forced to use outside resources to help me understand because it was very hard to get much out of office hours

Quality: quality of teaching was way less than the expectations I had for Colgate, I felt like I did all of the learning on my own and that class times just made me more confused, could barely solve homework problems on my own because they were not similar to examples given in class

Instructor: Christensen, Jens G.

Course: Calculus II

17 surveys / 20 enrolled in MATH 162 B (MWF 0920)

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

**Student:12**

Reason(s): Major or minor requirement

Additional Reason(s): I took the course because I needed it to major in economics. Halfway through the semester I changed my major so I didn't need this course anymore.Effort: I put a great deal of effort into this course.Understanding & Appreciation: The material was very complicated and made me want to never take a calculus class again.Intellectual Growth: The course taught me how to use outside sources to study.Quality: The professor is very smart and gives very good notes during class. The problem is that the homework is nothing like the problems in class, so I was stuck working on it for a few hours every night. Even the book didn't answer the questions I had as it only had a few basic examples in every chapter.

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

**Student:13**

Reason(s): Major or minor requirement

Core or Areas of Inquiry (distribution) requirement

Interest in the course material

Additional Reason(s):Effort: The homework assignments required me to put in a lot of time and effort to complete. Exams also required me to prepare a lot. Occasionally, I would go to a math tutoring session to either help with a homework problem or study for an exam.Understanding & Appreciation: I feel that this course gave me a basic understanding of the material such as solving simple problems, or harder ones with some external help. I find it fascinating that calculus can be used to solve such a wide array of problems that would be deemed unsolvable in algebra.Intellectual Growth: This course made me appreciate the interrelatedness between calculus and the world. I found it fascinating how it could be applied to economics, biology, and more. However, I would be unable to fully apply what I learned for other applications.Quality: Overall, I believe that Professor Christensen teaches well. He thoroughly explains new concepts, but skips certain steps he thinks we already know while solving problems on the board. His work is very organized and clear, so it makes transcribing notes extremely easy.

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

**Student:14**

Reason(s): Core or Areas of Inquiry (distribution) requirement

Additional Reason(s):Effort: I put a lot of effort into this class. I did at more than an hour of work per day even if I was not preparing for an exam. When I was

Instructor: Christensen, Jens G.

Course: Calculus II

17 surveys / 20 enrolled in MATH 162 B (MWF 0920)

preparing for an exam, i would study 3-5 hours per day at least a week in advance. i utilized office hours once or twice, but mostly relied on friends in the class to help me study.

Understanding & Appreciation: after taking this course, i know that i do not want to pursue any more math courses at colgate

Intellectual Growth: i became better at teaching myself most topics since they were not explained well in class and office hours were somewhat inaccessible and when i did go to office hours i felt like it was not helpful.

Quality: the pace in this course was much too quick. i felt like we were being taught quickly to get through things in order to test us on what was briefly covered in class.

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

**Student:15**

Reason(s): Exploration of possible major or minor  
Elective outside major or minor  
Other requirement  
Interest in the course material

Additional Reason(s): Prereq for Number Theory.

Effort: This was a challenging course. I made sure to do the homework as assigned, but having trouble with the site (the website we use is often very unhelpful and seemingly deliberately misleading) I often found myself having to Google explanations or videos for a lot of the material. A lot of the time, it seemed the homework and the material we learned in class were entirely different.

Understanding & Appreciation: I took a lot of interest in the last two units of the course, as they pertained more to number theory (what I am interested in) more than the first two units which were more calculus-based. The second unit had a heavy emphasis on physics to the extent that I felt very unprepared never having taken a physics course before (even though there is no physics prerequisite claimed in the course description). With that being said, many times the material we learned in class interested me such that I would watch videos pertaining to those subjects for fun rather than to supplement the homework assignments.

Intellectual Growth: This course, as with all math courses, improved my ability to reason and my deductive insights. One of the main reasons I took this course was an interest in deductive reasoning (including mathematical reasoning) I picked up in a previous course, and I definitely feel as though this class helped me strengthen those skills.

Quality: Professor Christensen overall did a great job with this course. I understand that the course material of Calculus II is tricky for students to grasp, so I appreciate that he did the best he could (and I feel as though I have gained a good grasp of the material, so his efforts were more than successful). Professor Christensen made a great effort to making himself available, and I was always able to meet with him to discuss difficult course material despite not ever being able to meet within his office hours. My only gripe with this course is not Professor Christensen but the aforementioned website that was utilized for homework assignments. I definitely did not find this site helpful at all and do not think it facilitated my learning of the course material, especially more so than would a professor designing homework and problem sets on their own that would more directly correspond with what was learned in class.

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

**Student:16**

Reason(s): Major or minor requirement

Additional Reason(s):

Effort: I put a great deal of effort to learn the material in this course. I used practice another version on WebAssign as a guide to teaching me, and when problems didn't have this tool, I struggled to produce an answer. I would spend days studying for a test, get most of the questions right on the test but be knocked off for showing my work correctly. Because we use WebAssign and don't

Instructor: Christensen, Jens G.

Course: Calculus II

17 surveys / 20 enrolled in MATH 162 B (MWF 0920)

have to show any work, it makes this aspect of test-taking very difficult.

Understanding & Appreciation: After studying very hard to learn the course material and receiving poor grades, it degraded my appreciation of the course material.

Intellectual Growth: It gave me some of the skills needed to handle adversity.

Quality: I wish this course had alternative forms of grades other than the 4 exams, final, and a minute homework grade percentage. I wish we talked about one example for longer instead of trying to cover every special scenario. I wish we reviewed concepts that were needed for tests and in general.

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

**Student:17**

Reason(s): Exploration of possible major or minor

Additional Reason(s):

Effort: I did homework for hours and took the time to fully understand it. Before exams I would also spend hours re-teaching myself everything and doing practice problems.

Understanding & Appreciation: This course helped me see that I like math and calculus, and that I might want to minor in it

Intellectual Growth: It helped me understand real world applications. Not much else.

Quality: I thought the teaching was good, but confusing at times. It would've been helpful if the teacher explained more about the concept or why we are using it before teaching us it.

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