Course and Instructor Evaluation Summary
Department of Mathematics

Cummings, Jonathan James
MATH 10B - Calculus II (A)
Summer Session II 2015

Number of Students Enrolled: 47
Number of Evaluations Submitted: 29

1. Your class level is

4 (14.3%): freshman
10 (35.7%): sophomore
5 (17.9%): junior
8 (28.6%): senior
0 (0.0%): graduate
1 (3.6%): extension
1: [No Response]

2. Your reason for taking this class is

19 (67.9%): major
0 (0.0%): minor
8 (28.6%): gen. ed.
1 (3.6%): elective
0 (0.0%): interest
1: [No Response]

3. What grade do you expect in this class?

12 (44.4%): A
11 (40.7%): B
2 (7.4%): C
0 (0.0%): D
0 (0.0%): F
2 (7.4%): P
0 (0.0%): NP
2: [No Response]
INSTRUCTOR Jonathan Cummings

4. Instructor displays a proficient command of the material.

24 (85.7%): strongly agree
3 (10.7%): agree
0 (0.0%): neither agree nor disagree
0 (0.0%): disagree
1 (3.6%): strongly disagree
0 (0.0%): not applicable
1: [No Response]

5. Instructor is well prepared for classes.

26 (92.9%): strongly agree
1 (3.6%): agree
0 (0.0%): neither agree nor disagree
0 (0.0%): disagree
1 (3.6%): strongly disagree
0 (0.0%): not applicable
1: [No Response]

6. Instructor's speech is clear and audible.

26 (92.9%): strongly agree
0 (0.0%): agree
1 (3.6%): neither agree nor disagree
0 (0.0%): disagree
1 (3.6%): strongly disagree
0 (0.0%): not applicable
1: [No Response]

7. Instructor explains the course material well.

26 (92.9%): strongly agree
0 (0.0%): agree
0 (0.0%): neither agree nor disagree
1 (3.6%): disagree
1 (3.6%): strongly disagree
0 (0.0%): not applicable
1: [No Response]

8. Lectures hold your attention.

23 (82.1%): strongly agree
2 (7.1%): agree
1 (3.6%): neither agree nor disagree
0 (0.0%): disagree
2 (7.1%): strongly disagree
0 (0.0%): not applicable
1: [No Response]
9. Instructor’s lecture style facilitates note-taking.

26 (96.3%): strongly agree
0 (0.0%): agree
0 (0.0%): neither agree nor disagree
0 (0.0%): disagree
1 (3.7%): strongly disagree
0 (0.0%): not applicable
2: [No Response]

10. Instructor shows concern for students’ learning.

26 (96.3%): strongly agree
0 (0.0%): agree
0 (0.0%): neither agree nor disagree
0 (0.0%): disagree
1 (3.7%): strongly disagree
0 (0.0%): not applicable
2: [No Response]

11. Instructor promotes appropriate questions/discussion.

26 (96.3%): strongly agree
0 (0.0%): agree
0 (0.0%): neither agree nor disagree
0 (0.0%): disagree
1 (3.7%): strongly disagree
0 (0.0%): not applicable
2: [No Response]

12. Instructor is accessible outside of class.

26 (96.3%): strongly agree
0 (0.0%): agree
0 (0.0%): neither agree nor disagree
0 (0.0%): disagree
1 (3.7%): strongly disagree
0 (0.0%): not applicable
2: [No Response]

13. Instructor starts and finishes class on time.

25 (92.6%): strongly agree
1 (3.7%): agree
0 (0.0%): neither agree nor disagree
0 (0.0%): disagree
1 (3.7%): strongly disagree
0 (0.0%): not applicable
2: [No Response]
14. Instructor is effective in promoting academic integrity.

26 (96.3%): strongly agree
0 (0.0%): agree
0 (0.0%): neither agree nor disagree
0 (0.0%): disagree
1 (3.7%): strongly disagree
0 (0.0%): not applicable
2: [No Response]

COURSE MATERIAL MATH 10B

15. The course material is intellectually stimulating.

14 (51.9%): strongly agree
11 (40.7%): agree
1 (3.7%): neither agree nor disagree
0 (0.0%): disagree
1 (3.7%): strongly disagree
0 (0.0%): not applicable
2: [No Response]


20 (74.1%): strongly agree
5 (18.5%): agree
0 (0.0%): neither agree nor disagree
1 (3.7%): disagree
1 (3.7%): strongly disagree
0 (0.0%): not applicable
2: [No Response]

17. Required reading is useful.

11 (40.7%): strongly agree
3 (11.1%): agree
7 (25.9%): neither agree nor disagree
1 (3.7%): disagree
0 (0.0%): strongly disagree
5 (18.5%): not applicable
2: [No Response]

18. This course is difficult relative to others.

6 (22.2%): strongly agree
9 (33.3%): agree
5 (18.5%): neither agree nor disagree
3 (11.1%): disagree
3 (11.1%): strongly disagree
1 (3.7%): not applicable
2: [No Response]
19. Exams are representative of the course material.

19 (70.4%): strongly agree
7 (25.9%): agree
0 (0.0%): neither agree nor disagree
0 (0.0%): disagree
1 (3.7%): strongly disagree
0 (0.0%): not applicable
2: [No Response]

GENERAL QUESTIONS

20. I learned a great deal from this course.

16 (59.3%): strongly agree
8 (29.6%): agree
1 (3.7%): neither agree nor disagree
1 (3.7%): disagree
1 (3.7%): strongly disagree
0 (0.0%): not applicable
2: [No Response]

21. How many hours a week do you spend studying outside of class on average?

1 (3.7%): 0-1
1 (3.7%): 2-3
5 (18.5%): 4-5
12 (44.4%): 6-7
2 (7.4%): 8-9
3 (11.1%): 10-11
2 (7.4%): 12-13
0 (0.0%): 14-15
1 (3.7%): 16-17
0 (0.0%): 18-19
0 (0.0%): 20 or more
2: [No Response]

22. How often do you attend this course?

0 (0.0%): Very Rarely
2 (7.4%): Some of the Time
25 (92.6%): Most of the Time
2: [No Response]

23. Do you recommend this course overall?

26 (92.9%): Yes
2 (7.1%): No
1: [No Response]

24. Do you recommend this professor overall?

27 (96.4%): Yes
1 (3.6%): No
1: [No Response]

The data used in this report is provided to the Office of the Executive Vice Chancellor for Academic Affairs by Course and Professor Evaluations (CAPE), a student-run organization. Please visit the CAPE website at cape.ucsd.edu if you have questions about the data or how it is collected.
25. Instructor Jonathan Cummings:

- As a visiting UCLA student, I was unsure about taking a math course at another UC. I am also registered with Disability services, and I knew that my health would impact my attendance. However, Professor Cummings made every possible attempt to help me, provide resources, find classmates to take notes, go over material with me on his own time when I had missed a class, answer questions promptly over email, and make accommodations if I had missed a quiz or homework assignment. The class previous to 10B, I had done very poorly in, and even when I retook it, I did poorly. So I was expecting to do poorly in this class as well. But Professor Cummings had clear lectures/explanations, posted notes online, and even made youtube videos for his students to watch as examples for review. He is most definitely the best math professor I have ever had, and I wish more professors had his enthusiasm for teaching. For my friends at UCSD as permanent students, I will definitely be recommending they enroll in his classes. I have chronic illnesses that can worsen at any time. I am also on strong medications that have a lot of side effects, and this often prevented me from coming to class. The 2nd to last week of class, around the time of our second midterm, I missed the entire week. I also ended up in ER the day before the test. Prof Cummings offered to meet me either that Friday, Sat, or Sun to review material with me on the lectures I missed. He even rescheduled my midterm so that I would have the time to review what he taught me. I don't know of any other college professors who would go completely out of their way, take time out of their weekends, to ensure that just one student got the review they needed. He easily could have told me to ask the TA, but he personally met with me after class and reviewed multiple chapters for over an hour. I ended up with a better grade than I expected on that test, and I know it was because he took the time to help me.

- Best math instructor I've had here so far, I would highly recommend him.

- By far the best math professor I have ever had, due to his talented ability to thoroughly explain problems. He's clear. Decisive, and Ucsd math department is lucky to have him! Considering great math professors are nearly non existent at Ucsd, not keeping him would be a loss to hundreds of students if not thousands to come.

- Cummings is an excellent instructor. He has been my best math lecturer. He is always prepared for class and succeeds at making calculus clear (brings an apple to serve as a visual for teaching volumes of spheres). He also uses his free time to make youtube videos to help us gain deeper understanding of the problems. He is simply the best!

- easy on the eyes and overall great guy/teacher

- Great lectures and explanations of the material. He does an optional segment during the 5-minute break called "Curious and interesting facts of the day", which is a pretty nice change of pace after an hour of math.

- Great professor i liked the breaks, interesting facts, openness, as well as transparency of the course. The pre lecture quizzes helped as well. Only complaint was that maybe more practical examples

- Great teacher. He loves teaching and really cares for his students. Would definitely take his class again if i have the chance!

- He is a passionate, enthusiastic, and generous professor. He've sent email to notice all kinds of information he had had such as homeworks, quizzes, and exams. Because of his daily email, I could focus on class. He also tried to make lecture as easier as students could understand all
He is amazing! He has made math for me so much easier to understand. I also love the way he structures lectures. And he offers so much help and that's always great.

He is, by far, one of the best professors I've had at UCSD. He is amazing. He is very good at teaching the material, and has a unique way of making math be very interesting. He is very straight-forward with the material and goes out of his way to make sure all of the students understand the material to the fullest. He also incorporate various techniques (extra worksheets, games) so we can practice the material and understand it better. I honestly think he spent every second of his day trying to figure out how to make the class better and the material easier to understand. For example, he typed up notes on the lecture material and even recorded youtube videos further explaining the material, with lots of detail, so we understood it better. I've never had a professor put so much effort to make sure his/her students learn the material. I was truly amazed by how great he was. He even had examples about how we could use the material in our real life - for instance, how to calculate how long will it take for the thanksgiving turkey to cook. A.M.A.Z.I.N.G.

He seems very passionate about the subject. I can tell how much he loves teaching math. His notes are very helpful and overall he is an awesome instructor who cares about his students' learning and understanding. I would take his classes again if he teaches other classes.

Jay was a fabulous instructor. He made the class engaging and even fun. He was understanding of the students and really went above and beyond to make calculus as interesting as possible. He even made a Jeopardy game for the class, in addition to daily fun facts. He explained the material carefully and thoroughly, and always answered questions. He was efficient and very knowledgeable, but more importantly very good at articulating the concepts and explaining things. He had a lot of office hours and was very willing to help students. I went to his office hours weekly and found that his office hours were more helpful than the TA's sections. The weekly quizzes we had were very helpful. It seems that Jay put a lot of effort into this class and successfully managed to make it an enjoyable course to take! Definitely the best math class I've ever taken. He also made Youtube videos for us and explained problems on there right before the exams. I would highly recommend taking his class.

Jay was very helpful in every way possible. He knew his material well and explained in a manner that was leveled for the students. He really catered to us and made an effort to be helpful every way he could. He was very much accessible outside of class, patient, and clear in his explanations. He didn't make you feel dumb for asking questions (I haven't taken math in a while) and was just patient. He also made youtube videos which were helpful and typed up all of his lecture notes. He made many resources available to us through his website which was really helpful like worksheets and their answer keys. I'm really glad that I was able to take this class with him! Wish I had taken another math course with him. He's also very enthusiastic about teaching and is confident in his lectures.

Jay was very organized, clear and supportive in this course. His lectures were presented in a manner that simplified the material and led us on a very straightforward and logical path toward more complex material. He built up our understanding from core concepts to greater application and made the learning process painless. The office hours were plentiful and extremely helpful. He was available for questions and I was never lacking any help or clarification in understanding the material. Friendly, extremely professional, consistent and maintaining intensity throughout the course, Jay made this course enjoyable and accessible. I really feel I maintained good footing in the material the entire time as a result.

Jonathan Cummings is definitely the best and nicest math teacher in the world!!! He not only especially concerns about students' learning, but also puts great efforts into helping students understand and review after class. He types all class notes on TED in every detail and even
Jonathan is really a great instructor. He is always prepared to the class that he can always finish the topic he prepared on time. In the break time, he always have a section called 'Interesting and curious facts of the day', during which he will tell us many curious and interesting facts that involves mathematics so that we can experience the fun parts of mathematics. Also, I believe that he is a very patient man. He treats every question very seriously and patiently, even though some questions don't seem like they deserve that much patience. Overall, I definitely will recommend him to everyone that need to take Calculus. BTW actually the reason why I select this course is also because one of my undergraduate friend recommended him.

Prof. Cummings is a great math teacher. I am not very good at math and don't particularly enjoy it, and he has made this class very enjoyable. While he doesn't simplify the material, his way of setting up problems and solving them step by step during class makes the concepts much easier to grasp. I also really appreciate his lecture notes, as it allows me to review the material covered in class with clear explanations even outside of class. The youtube videos are also very helpful, and it makes the student feel as though they are genuinely cared for, which is a great incentive to work hard in class. I would say that Prof. Cummings has been so far the best Math instructor that I have had at UCSD.

Professor Cummings has done an outstanding job of teaching this class. His lectures are probably the most clear that I have ever had, he does a great job of explaining things to us and makes sure everyone understands. He always asks if anyone has any questions, and is patient in explaining things as many times as needed. He also brings creative ways of teaching, such as when he brought in an apple as a model of a 3D figure that we needed to find the volume of. He holds an enormous amount of office hours, which I have personally attended very often, and will explain all the issues we encounter in great detail. In addition, he has a multitude of resources available online to help us study for tests or even just complete homework, including typed notes from his lectures, review sheets for us to do, and even youtube videos he posts to help provide more examples of how to do problems for students who are struggling. Overall, you can see his passion and commitment to teaching through all of his efforts, and you can see his mastery of the subject through the ease that he answers all of our questions, even those that go beyond what is on the class syllabus. I think he is probably the best math teacher I have ever had.

Professor Cummings is the most passionate grad-student professor I have ever taken in UCSD. He lectures well, uses his spare time to type the notes from the lecture, post videos and so on. He really wants his students to take the knowledge home.

Professor Cummings was an excellent instructor for our class, and one of the best Professors I have ever had the pleasure of interacting with. He took the extra effort to type up class notes, create youtube videos of difficult class problems, extend his office hours, and encourage a productive learning environment for his students. I would highly recommend Professor Cummings and hope that he continues to work at UCSD in a greater capacity.

Professor Cummings went above and beyond the expectations I had for a professor. His examples done in class, attentiveness to his students, and his different tools he used to help promote learning is what set him apart from other math professors I've had in the past. He constructed lecture notes himself and put them online as well as YouTube videos which were both very helpful. Would definitely take another math class taught by him.

Was very helpful in office hours and was more than willing to help on any questions I had. He was able to explain the material in a way that I could understand and never skipped over something because he assumed everyone already knew.
• You can tell he really loves teaching, particularly from all the extra note typing and outside office hours he held. I enjoyed his interesting facts of the day, which further proved how much he was into his field and loved spreading knowledge. I found him to be a lot more engaging than any prof I’ve ever had, considering every example he helped us through he would also kind of make us figure out what to do, use our brains for once; it's normally so easy to zombie out in class or not realize you actually don't get what's going on, you're just watching. Everything was explained in a way I could understand (math isn't my strong suit), so I hope if I ever have to take 10C he can just be the professor, so I actually learn. Also, this was in double-time 5wks so kudos!

26. Course MATH 10B:

• Great class. Nice transition along the math series.
• Great.
• Hard material but he made the class approachable and enjoyable.
• I have had difficulty with this class in the past, but this time around I finally was able to grasp the concepts
• I liked this class very much, I feel that I came out of it truly understanding the subject material. In addition, I really enjoyed taking it over the summer as I feel that the reduced class size was very helpful, compared my first calculus course.
• I think it is a rather fundamental course that many other courses might build on this, such as physics. So apparently this is an important course. Professor teaches so well that I believe everyone in this course will get a great basic knowledge for those courses.
• it's aight wish I got my crap together earlier
• MATH 10B finally becomes easy-understanding for me with Jonathan Cummings' instruction.
• Math is not my strongest subject, however Math10B is doable if you put enough effort. I do recommend this course during summer with Professor Cummings.
• Not a fan of math, but very interesting. I feel I understand a lot more about it because of the Professor.
• Not as bad as i thought it would be.
• Since this is summer session and the learning time is cut in half, I expected to be lost by the first week. But here I am, the last week, and I still understand all the material. I am not a fan of math in general, nor am I any good at it. But I felt that this course, taught by Prof. Cummings, was the reason I succeeded.
• Summer session is tough for MATH 10B. Had to skip a lot sections which I know know if they are important in the 10C.
• The course is so much better than 10A, but I can't really judge it because I did it over the insane summer,
• The course is well structured, as we move through the material from easier concepts to harder ones. The course is challenging but it is presented in a way that the material we learn builds on itself progressively and allows an easier flow through the course.
• Tough but with Professor Cummings it's great!
27. Exams/Quizzes/Papers:

- All good. All these exams and quizzes were fair and on learned material.
- Exams and Quizzes are fair and closely related to course material, class notes, and homework.
- Great exams and quizzes. I liked how the quizzes were short, regular, and friendly. They really help me stay on top of the material. The exams were fair too.
- I think the quizzes, papers and exams have a rather appropriate difficulty that we can solve them eventually without extremely complicated thinking process.
- If you follow his notes and worksheets the quizzes and exams should be fine!
- Professor Cummings exams were an excellent measure of how well we understood the material. They were always very fair, and we were given a reasonable amount of time to complete them. They were well thought out and spanned the entirety of the subjects that we were meant to be learning.
- Quizzes and exams are fair and represent the course material.
- Reflective of the course material. Reasonable and he prepps and reviews well before midterm. Show up to class and do the work and you will be fine.
- Reasonable questions and grades.
- The exams are very indicative of what we have learned in class, they test the material well and while challenging, they are all based on examples we have covered in class. The quizzes are a good source to keep us actively studying and reviewing concepts outside of class, I just wish there was 1 a week instead of two, because I often forget about the one in the middle of the week. I like the one on Mondays because we have time to review during the weekend, and its like a very easy to remember date to just start out with every week. For the one on Wednesdays, its sometimes hard to keep up with homework and remember to take the quiz as well.
- The exams were graded kinda hard, but the pre-lecture quizzes really helped you to stay on top of the syllabus as well as the HW. Although the homework easily got overwhelming due to the 5wks of it all, though the prof definately took all of this into consideration because it could have been an actual struggle. I mostly just wish we had more time, because I actually felt I had no idea what some problems were asking, but thankfully the prof was easy to reach.
- The online TED quizzes were bi-weekly, and I actually liked them because they served as a refresher for the material we learned in class. And, if you didn't do well on them, they wouldn't drop your grade too low. Otherwise, every other week was an in-class quiz, with a few problems regarding that week's material. I, like the majority of other students, don't like tests in general. But the quizzes were helpful -- they gave us an idea of what the main/important topics of the week were, and Prof Cummings always made sure the class understood the concepts that he was testing us on. If I was unsure about a problem or concept, he would make time to explain it to me, to where I understood. It seemed to me that his teaching philosophy wasn't "you got the answer wrong, just move on, because you can't fix it"...he seemed to have the mindset that his students should have the chance to try as many times as they needed to until they got the answer right and understood the concept. Which, I feel, understanding is more important than just being right.
- They were not too hard and not too easy, just right. They tested us on the material correctly and were very fair.

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two midterms, homework, online quizzes, one final

very fair

Veyr reflective of the class material, but still challenging enough.

28. Reading [title(s) and comments]:

• book needed

• Exceptional professor with a great attitude. For once math is fun.

• Honestly, I wish Prof Cummings taught at UCLA. This is the first math class where I have understood, felt motivated to study, and felt really proud of myself for doing well. People always tell me that math professors are either really great or horrible, and I got lucky to be in a class where I actually *wanted* to study extra and didn't feel like it was a lost cause for me.

• I never really read, particularly because I believe this particular textbook is sub-par compared to others I've seen (UC Irvine’s curriculum is ridiculous but the book is way better). When I did, I was only more confused. Any reading was the course notes the prof uploaded, which were 100% better than the text, and he probably doesn't even get paid enough to write all of those notes out!

• I think the textbook is really reliable and easy to understand. The handout that Jonathan gave us are also very useful. Sometimes it will be the outline of our topic, and sometimes it contains some problems that are very helpful for our learning process.

• I used the accompanying textbook.

• It is not helpful to study alone. There is not enough explain on each chapters. Less concepts but difficult problems I could not solve.

• Reading is not assigned. However, homework is extremely useful and required.

• Reading math has always been hard for me, so I learned more from the lectures and office hours.

• The textbook is good, but Jonathan Cummings's notes are clearer.

Please note that any responses or comments submitted by evaluators do not necessarily reflect the opinions of instructors, Mathematics, Academic Affairs, or UC San Diego. Responses and comments are made available without auditing or editing, and they may not be modified or deleted, to ensure that each evaluator has an opportunity to express his or her opinion.