

McGill University Course Evaluation



MATH 141 : Calculus 2 - Lecture Section: 1 CRN: 404

Term : Fall 2015

Instructor(s) : Dr Chung Yin Amy Pang

End-of-course evaluations results, as one indicator of teaching effectiveness, are used to:

- a. to help instructors improve future offerings of courses;*
- b. to inform students about courses and instructors;*
- c. as a component of the teaching dossier; and*
- d. to help administrators and faculty committees in their decision-making processes.*

Written comments are treated as confidential and are not made available to the McGill community.

The course ratings reported here are only one indicator of teaching effectiveness and these results should be treated with caution since they represent reports on only one particular course.

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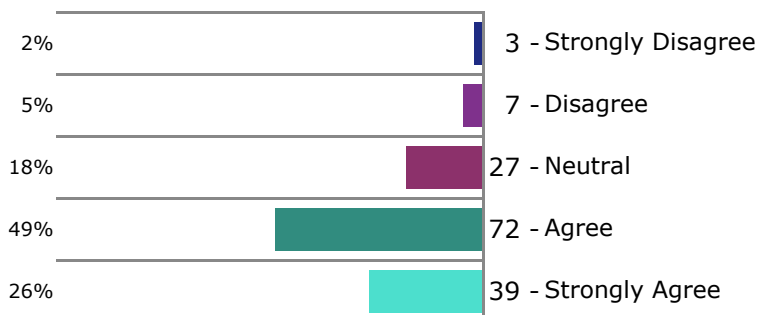
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English

OVERALL RESULTS	
Total Number of Completed Evaluations	148
Total Number of Declined Evaluations	4
Total Enrollment in Course	333
Overall Response Rate	45.6%
Completed Response Rate	44.4%

The departmental means are calculated from the Mathematics and Statistics questionnaire.

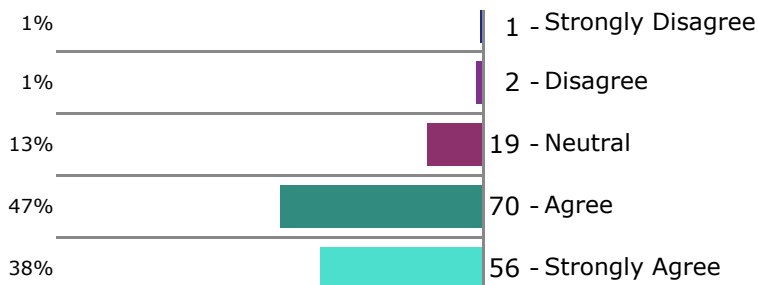
Question 1 - Overall, this is an excellent course.



Valid responses	148
Blank responses	0
Comments	23
Mean	3.9

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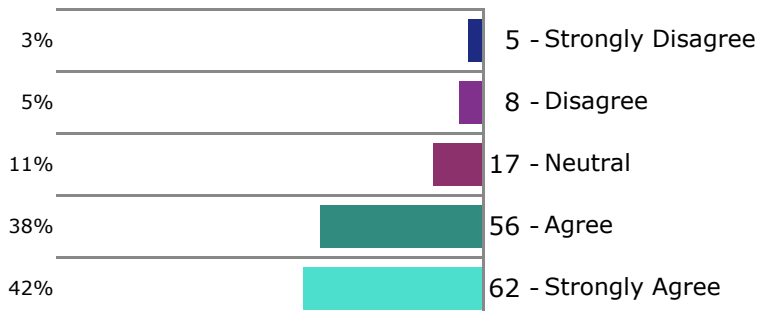
Question 2 - Overall, I learned a great deal from this course.



Valid responses	148
Blank responses	0
Comments	0
Mean	4.2

Question 3 - Overall, this instructor is an excellent teacher.

Instructor - Dr Chung Yin Amy Pang

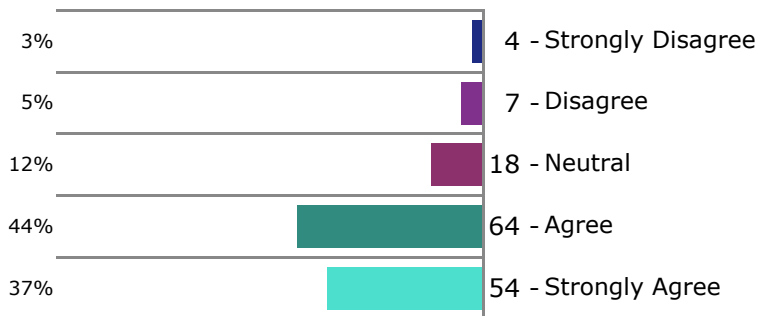


Valid responses	148
Blank responses	0
Comments	58
Mean	4.1

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Question 4 - Overall, I learned a great deal from this instructor.

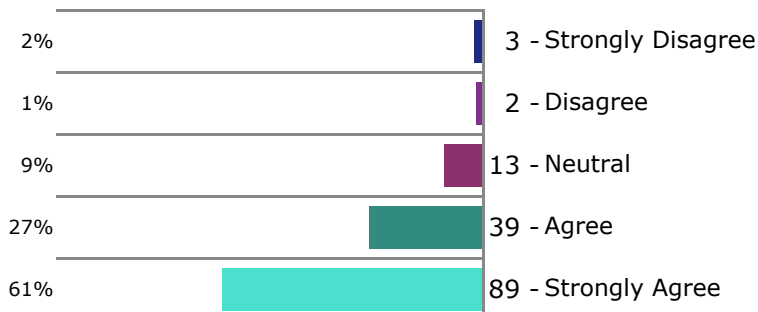
Instructor - Dr Chung Yin Amy Pang



Valid responses	147
Blank responses	1
Comments	0
Mean	4.1

Question 5 - The instructor was well-prepared for class.

Instructor - Dr Chung Yin Amy Pang



Valid responses	146
Blank responses	2
Comments	23
Mean	4.4

McGill University Course Evaluation



MATH 141 : Calculus 2 - Lecture Section: 1 CRN: 404

Term : Fall 2015

Instructor(s) : Dr Chung Yin Amy Pang

Comments for question 1 : Overall, this is an excellent course.

1. Great material. I love the challenge.
2. I don't like this course that much because of its material, but both my instructor and TA for this course are excellent.
3. The course is interesting, however students do not realize its importance and the numerous applications of the material studied in class. I believe the TAs should not be doing many exercises as they do (which we can do alone) but really show why what we learn is useful and thus motivating people.
4. This was a pretty great course. The only thing I think could be improved upon is the quality of the tutorials, because the TA's do not always explain things very well, or in a way I can understand.
5. Difficult to remain interested in the content as it gets repetitive
6. Personal opinion. Only am taking Calculus 2 because I do not have a choice.
7. Dr. Pang is always very prepared for class and has a very organized layout for going through her classes and learning the concepts.
8. I really enjoy calculus, especially when taught by a fun teacher.
9. Amazing Professor! I am your #1 fan Professor Pang!!!
10. I like most of the material except sequences
11. I love it!
12. I mean its calculus..... It's defiantly important
13. it's your typical calculus course
14. I only wish recordings were available to watch. Sometimes if the lesson was too fast or too confusing, then I would have liked to be able to re-watch a certain part of a lecture.
15. This course made me hate math. I now am considering not taking a course like this again.
16. I like how it teaches you certain logical approaches to problem solving, however, the fact that we need to practice the techniques of integration to this extent is downright ridiculous. In any real world application, as long as you can set up an integral properly and understand its meaning/what you're evaluating, you can plug it into a computer - there is simply no benefits on learning how to take these integrals apart to that extent given our current technology. I'd like to see more focus on proofs and setting up

integrals rather than going through the hideous motions of solving integrals that can take up to 20 min each!

17. I believe we learned some of the important aspects of the integration in the quiz, however I was not satisfied with the pacing of the course, I believe we could have covered much more material up to and including power series.
18. Yes.
19. Yes, however it moves at a very fast pace!
20. For me, most of the material was a review of topics I covered in high school. However, there were more proofs and definitions which helped to clarify theorems and techniques.
21. I felt like I have built a lot on my previous knowledge.
22. I really enjoyed this course. Dr Pang made it very easy for us students to appreciate the material. I would have preferred if this course was recorded.
23. I've done a fair bit of calc and as you know, its the algebra that students have most trouble with. If there was a comprehensive intensive algebra/precalc review class that would be awesome.

125 blank comments were skipped.

Comments for question 3 : Overall, this instructor is an excellent teacher.

Instructor : Dr Chung Yin Amy Pang

1. very enthusiastic, I feel like she kind of spits into the microphone a lot, but not a big deal really just kind of strange haha. of COURSE no offense intended
2. very organized and involved
3. She's good. I wouldn't say excellent
4. In the beginning of the year, I found Professor Pang to be somewhat difficult to follow. She would write too small and could not be understood sometimes. However, she has improved and I can understand her now and see the board.
5. She always goes into extra time which results in student being late for the next class. Also, the example she gives is really basic, in the web work the problems are much harder. She's not very good at explaining either. Lastly, she lacks total awareness when it comes to speaker volume. It's always way too loud
6. Dr. Pang is a very enthusiastic and amiable teachers. Attending her classes is a delight as she puts in a lot of effort to make sure that the students understand the course material. She is one of the best professors I have had at McGill.
7. Clearly knows what she's doing, but hasn't passed a full lecture without making some kind of mistake on the black board.
8. She's an awesome teacher. All her notes and class examples are so neat and accurate and well-explained. Relatively speaking she's a fast-paced teacher, which suits my needs a lot, (skipping some easy algebraic steps using mental math, etc) but it also makes a lot of other students don't like her. In class, most of the time she follows textbook section by section strictly, and sometimes she does tiny modifications (about which part should be taught first) for our better understanding. She fully utilizes class

time, and is always efficient enough to give examples on different scales of difficulty. ***For improvements, I think she should control her voice more. It gets so high-pitched when she becomes confused, and she has all these weird sounds when she's solving problems. I guess this is another reason why some students don't like her at all.

9. Prof. Pang is very well organized, and her lectures are definitely worth attending since she explains things clearly and completely.
10. The teacher is very motivated and enthusiastic which is great, the theorems and examples are well explained and clear. I believe the classroom was too big and there were too many students in the room for her to be "excellent", although she improved her ability to teach in big auditoriums during the semester. The only remark is the lack of examples on concrete application of integrals which would motivate more students. I also believe a good idea would be to give open questions at the end of the class for passionate students to look at.
11. She's always really friendly and personable, and I love the enthusiasm she brings to this course! She's really awesome to talk to and she is always able to explain the material in a way that makes sense to me.
12. Sometimes spends too much time on easy topics and not enough time on harder ones.
13. Dr. Pang is very organized and knowledgeable about the material. Her approach is very organized and consistent and makes the material easier to understand.
14. You have cleared many confusing concepts for me in mathematics. Thank you for helping me love math again!
15. I love her enthusiasm in the classroom
16. Apparently, this instructor knows what she is teaching. She is well prepared for her lectures and she is enthusiastic about teaching. However, she is not very good at catching people's attention because every lecture I attended (which is not really everyone because I wasn't in this class until about 2 weeks after it all started) finally become very noisy and makes it very hard for me to focus. So this one becomes a quite frustrating lecture because I personally find it very annoying to study in a noisy environment. I would suggest Dr Pang to teach in a more inspiring and interesting way (For example do some clicker questions instead of telling us how to do every question on the blackboard) to make students feel involved.
17. She is excellent at explaining concepts and goes at a perfect pace, always stopping to make sure everyone understood what she'd just said. She could honestly teach calculus to 8 year old kids.
18. The first few lectures were a bit messy but she is getting great ! awesome in office hours, explains really well !
19. Very clear
20. Great job! I think you're very organized, the lessons were always had a clear structure, i.e problem: ..; Solution:..! For quiz preparation you always helped by telling us what we need to study. Overall you're an excellent Professor! I think there is something you can work on however. Personally I found it VERY hard to focus in class because the students were too loud. I think as a professor you should control the class better. Students were carrying out full conversations and it's incredibly difficult to pay attention over that noise.
21. She can explain concepts in a very easy and concise manner. She also throws out little bits of tips here and there!

22. At the beginning of the semester Dr Pang was far less experienced in teaching, less confident and less engaging. Throughout the semester however she has really improved so much, and I would be eager to take further math classes from her.
23. She's very nice and you can tell she works very hard, just sometimes her answers to questions aren't the clearest.
24. At first, I was worried about how she was explaining things because it wasn't very organized. But by the second or third week she really got the hang of teaching and found great ways of explaining concepts.
25. The instructor is enthusiastic, clear in explanation, well-prepared, very knowledgeable, and considerate
26. Explanation was a little clumsy(?) but the message eventually delivered
27. Clear explanations and aims to not only teach the basic concepts, but also to give proper proof for them; however, this sometimes takes a lot of time, and sometimes confuses other students.
28. Very funny, very engaging! She explains the concepts behind everything clearly and in simple ways so that everyone can understand them. The lectures are very useful and Dr. Pang is a great teacher!
29. she goes a bit fast, but tries to make sure everybody is following along and asks frequently if anybody has questions
30. Interacts well with the students.
31. Should probably try to explain more clearly, more rigorously
32. Sometimes being really fast on things that are quite hard to understand, as if understood it right away
33. She makes the material very accessible and easy to understand.
34. Professor Pang was my most approachable teacher and genuinely cared about her students. She made the course appropriately difficult but was always willing to go over material more slowly and offer extra help. A great Prof overall!
35. Evolved her method during the semester, and became better, she was open to student feedback during lecture which is great
36. was disorganized in the beginning but got a handle on it
37. For math I feel like she needed to do more complex examples as we would do an example in class that would be so much easier that it was non-transferrable to the assignment.
38. She is very nice and willing to explain over and over
39. She needs to stop reading her notes and write it down on the board like she doesn't know it. She needs to look at us and explain her thought process better.
40. However her course material is well organised and she is a great person
41. Her enthusiasm is partially contagious, but on some of the material, I found it hard to comprehend her effectively.
42. Really helpful with posting on the webpage and keeping us updated perfectly. Shows that she really cares!
43. Dr. Pang needs to work on organizing her lessons in such a way that makes the material easy to understand. A lot of the time no one even knows what she is doing

because her notes on the board are often unclear. Over the course of the semester, though, she improved, especially for her review lectures, which have been very helpful. She should take the same approach to all lectures as she did to the review lectures.

44. You definitely improved from your first few lectures! Thank you so much for being so friendly and chill at office hours.
45. Dr. Pang has very intuitive explanations of difficult concepts, and is great at leading the class through complex examples.
46. She could teach calculus to an elementary school. It was fantastic, as she went by every minute detail explicitly, allowing us to fully grasp the ideas behind the hard topics. Sections on parametric curves, polar coordinates and series' would not have been as clear with any other instructor. Only suggestion that I have is that, she should increase the pace on some of the easier topics, such as integration, volume, and area.
47. Yes. The instructor teaches in an extremely clear and concise manner, providing enough theory to help understand why a particular rule works but not so much (as many teachers do) that examples are lacking. Lecture's were enthusiastic and therefore engaging. The instructor seemed very dedicated to her work and would happily provide help/clarification as needed. In fact, the preparation notes/in-class technique review sessions for the final went well above-and-beyond the effort I've seen in my other cases to date.
48. Sometimes it was hard to read what was written on the chalk board...writing the notes on the overhead was much clearer to see!
49. Very energetic, clear, helpful, fair, engaging, caring. Excellent professor.
50. She explained everything very clearly, was always in a good mood (which made learning fun) and quizzes were fair. She also answered all of my emails within the same day, even during finals week when everyone had questions. I can't stress enough how helpful this was! I wish that every teacher at McGill could care this much about their students!
51. Very kind professor! She really cares about her students and does her best to provide clarification on confusing topics. Was very dedicated to review classes and provided full solutions and techniques for solving problems. She sometimes seemed a bit unsure of how to answers questions asked in class, but overall did an excellent job in teaching her first class!
52. Dr. Amy Pang is a very sympathetic and approachable teacher. She is very eager to discuss about anything and answer questions. One isn't afraid to come and talk to her about something he/she doesn't understand.
53. Chung Yin Amy Pang was a good instructor, well-prepared and very enthusiast.
54. Perhaps adding numbers for titles would help organize the material better but overall great and motivating teacher!
55. Dr Pang is one of my favorite instructors at McGill University! Despite her first time teaching, she did an excellent job! I like her personal style of teaching and explaining things. She was never "too fast" despite the fact that we covered a lot of material, and she always asks "Is there anything I can do to make this better?" whenever there is a difficult topic. I love how she solves many examples in detail (from start to finish), and reminds us of things we should know from previous classes (in algebra or trig...). She was never arrogant and she made herself feel like a friend in class. She was also very nice to offer us practice tests with solutions. I really enjoyed my time with Dr

Pang and I think she is valuable member of the McGill teaching community!

56. Instructor was alright. She just goes over questions in the textbook 85% of the time, so I find better use of my time studying at home.
57. I was blown away hearing we were her first class. Had anyone asked if she had taught before I would have said yes of course. Kudos. The notes, quizzes, website, and organization of the resources were outstanding. Professors who have lectured for years should learn from Pang's example.
58. I was taking this course because it is required for my program, however Dr. Pang was a very good instructor and was always very open to questions and clarifications during lectures, and made an excellent effort to present the material clearly and as step-wise as possible. I was very happy with this lecturer.

90 blank comments were skipped.

Comments for question 5 : The instructor was well-prepared for class.

Instructor : Dr Chung Yin Amy Pang

1. Knows everything she's talkin about.
2. Her in class notes are the best. With her notes, (which includes concept definitions, example problems, excercises on different difficulty scale) I never need to use my textbook.
3. The classes generally well-timed, although we could notice some hesitation from time to time.
4. Always well-prepared.
5. Always extremely organized and ready
6. She always has a little sheet of paper with all the work she'd planned out for that specific lecture, and she always seemed to time it perfectly because she'd cover everything she planned perfectly in the hour-long slot.
7. It was easy to get confused sometimes when she would make mistakes/ forget something in the middle of a problem. I would reason in my head why she wrote it a certain way and then she would change it and I would get confused.
8. This teacher knows what she is doing.
9. She always seem to have a full plan written out for the class. She is organized and always knows what to teach and what to do!
10. Dr Pang is always so well organized, knowing when the quizzes are, when webworks are due, what we will be studying every class in the next couple weeks. It's rare to find a teacher with such a well laid out plan for classes that doesn't appear stir. Dr Pang is a breath of fresh air.
11. Very well-prepared notes and representative examples
12. she always had lecture notes prepared and the syllabus for the week on the board before class started
13. The "road-map" on the side of the board was excellent.
14. Always had notes

15. Notes were always prepared before class, which she would navigate during the lecture.
16. Yes! You are very well prepared! I see that you always have notes written out and you have your light pink (I think) note binder on the podium if you need to refer to past lecture notes!
17. She was very well prepared to class and always gave a clear and sound lecture. There were some days when the topics weren't as clear and she struggled to find a way to fully explain them, however these mistakes were usually rectified immediately afterwards in office hours.
18. Most of the lectures seemed well paced, with the instructor presenting examples/the section topics on the board. With the exception of a few errors in explaining some example questions (quickly corrected anyways), classes were well structured.
19. Classes were well-structured and she prepared many review documents and problems for the last three classes!
20. Dr. Pang frequently asked for feedback and often corrected errors/mistakes on previous classes.
21. Dr Pang always knew what she was doing during lectures and examples, and she could solve complex problems on the board without referring to the notes, and most of the time, whenever someone throws her a question out of the blue, she answers it immediately without hesitation. Even when she doesn't know, she says "I don't know" and always gives a satisfactory answer next lecture.
22. She knows what questions to go over from the textbook. It's a nice selection of questions.
23. She was always prepared.

125 blank comments were skipped.

Comments for question 6 : The instructor was available to students outside of class.

Instructor : Dr Chung Yin Amy Pang

1. Responded to my only email in like ten minutes.
2. Never went to her office hour
3. The instructor was very happy and enthusiastic to answer questions after class, I do not know if she was present for OH or not.
4. I loved going to her office hours to get help on the Webwork assignments and help on lecture material, because I always come out understanding the course material better. Out of all my professors this semester, her office hours were the most accessible and the most helpful. She also gives us pocky sticks when Webwork is particularly hard, which is great.
5. She was sometimes already gone when I wanted to ask questions.
6. I only ever needed to go to her after class for help once but she was very accommodating and helpful.