MT 100: Calculus I, Sections 15, 16, and 17
Course Syllabus: Fall 2013

Instructor: Li-Mei Lim	**Office:** Carney 214
Email: limei.lim@bc.edu	**Office Hours:** Wednesday 4-6 and Thursday 4-5
TA: Garen Chiloyan	**Garen's office:** TBD
Garen's email: garen.chiloyan@bc.edu	**Garen's Office Hours:** TBD
TA: Tom Crawford	**Tom's office:** Carney 346
Tom's email: thomas.crawford@bc.edu	**Tom's Office Hours:** TBD
Website: https://www2.bc.edu/limei-lim/teaching/F13-MT100/main.html	

Course Details

Lectures for the course will meet at the following times in the following places.

MT 10015	Cushing 001	MWF 12
MT 10016	Cushing 001	MWF 1
MT 10017	Fulton 230	MWF 3

You must be signed up for one of the following recitations. No other sections are acceptable!

Garen Chiloyan			Tom Crawford		
MT 12304	Thursday 3	Gasson 310	MT 12301	Thursday 11	Gasson 309
MT 12305	Thursday 11	Gasson 301	MT 12302	Thursday 1	Gasson 310
MT 12306	Thursday 12	Gasson 302	MT 12303	Thursday 2	Gasson 310

Course Description

MT 100 is a first course in calculus of one variable intended for biology, computer science, economics, management, and premedical students. Calculus is a beautiful and useful subject concerned with trends and rates of change. In this course, we will begin with a review of topics from precalculus before proceeding on to explore limits and derivatives. We will make an effort to connect the course to applications and real-world problems.

Textbook and Topics

Our textbook is *Calculus: Single Variable (Early Transcendentals), Second Edition* by Jon Rogawski. We will cover: Precalculus review (1.1-1.6), Limits (2.1-2.7), Differentiation (3.1-3.11) and Applications of derivatives (4.1-4.7).

Requirements and Grading

- **Homework:** Homework will be given weekly and will generally be due on Fridays. A small selection of homework problems will be graded, and solutions will be posted shortly after homework is due. Homework consisting of multiple pages must be stapled. Folding the corners over is not acceptable! ***Assignments that are not stapled will not be graded. No late assignments will be accepted.***
- **Quizzes:** There will be brief weekly quizzes given in recitation to help your self-assessment and prepare you for exams. ***No make-up quizzes will be given.***
- **Exams:** There will be four exams: three in-class midterms and a final. Midterms are tentatively scheduled for *October 9*, *November 6* and *December 4*. The final exam is on *December 16, 2013*.

Final grades will be determined using the following breakdown:

Homework		15%	*Lowest HW grade dropped*
Quizzes		10 %	*Lowest quiz grade dropped*
Midterm 1	October 9	15%	
Midterm 2	November 6	15%	
Midterm 3	December 4	15%	
Final Exam	December 16	30%	

Make ups, Missing class, etc.

If you miss class, it is your responsibility to get notes from a classmate. No late homeworks will be accepted, and no make up quizzes will be given, but the lowest homework and quiz grades will be dropped. A make up exam is never guaranteed and will only be given in extenuating circumstances. Should you need a make up exam, give as much notice as possible and provide appropriate documentation (e.g. a note from a doctor or dean). **Please keep exam times in mind when making travel plans.**

Getting Help

To get the most out of this class, it is important that you ask questions when you have them and get all the help you need. Here is a list of suggestions and resources.

- **Ask questions during class.** You are strongly encouraged to ask questions during class. Don't be afraid to look stupid; chances are someone else has the same question.
- **Come to office hours (mine and the TA's).** Office hours are great for getting more one-on-one help. Come ask questions about homework, past quizzes and exams, or topics from class.
- **Read the textbook.** The textbook is filled with examples. Maybe one will answer your question. When reading, try taking notes, highlighting, and writing down questions to ask in class or in office hours to make the most of your time.
- **Go to free tutoring.** Free tutoring is offered in Carney Hall, Room 309. Undergraduate math majors (who might even be your graders!) are available to give help on a first-come, first-served basis. You can also sign up for tutoring at the Connors Family Learning Center in O'Neill Libary.
- **Form study groups.** Your peers are a wonderful resource. Explaining your work to others will help you to learn the material better, while helping your classmates too. It's win-win! Just be sure to write solutions up on your own.

Classroom and Office Hours Etiquette

Please be respectful of the entire class and come to class on time. Cell phones, laptops, etc. should be turned off and put away during class as they are a distraction.

Office hours are times when I am guaranteed to be in my office and available to discuss the course with you. You are welcome to contact me to schedule an appointment outside of office hours, but if you just show up to my office with no appointment, there is no guarantee that I will be there or have time to talk to you.

Email

You may email me with questions or to request appointments to meet. ***However, you must put MT 100 in the subject line so that your email will be properly flagged.*** Please allow 24 hours for a response before emailing me again; I will try to respond promptly, but I do not check email obsessively. Keep this in mind if you are emailing about something time-sensitive. In addition, keep in mind that communicating

math via email is difficult, so it is usually best to reserve math questions for office hours or other in-person appointments.

Disability Support

If you are a student with a documented disability seeking reasonable accommodations in this course, please contact Kathy Duggan (617-552-8093, dugganka@bc.edu) at the Connors Family Learning Center regarding learning disabilities and ADHD, or Paulette Durrett (617-552-3470, paulette.durrett@bc.edu) in the Disability Services Office regarding all other types of disabilities, including temporary disabilities. Advance notice and appropriate documentation are required for accommodations.

Academic Honesty

Collaboration on problem sets is encouraged, but solutions must be written up individually. Books, notes, calculators, and other aids will not be allowed on any quizzes or exams. You are expected to follow Boston College's Policies and Procedures regarding Academic Integrity. Any violation of BC's codes or class policies will be handled in accordance with BC's policies, outlined at http://www.bc.edu/integrity