

# MATH 105, SECTION 207. JAN-APR 2012



<b>COURSE TIME/LOCATION:</b>	Mon/Wed/Fri 8:00-8:50 in LSK 201
<b>SECTION WEBSITE:</b>	<a href="http://www.iam.ubc.ca/~mlindstr/m105">www.iam.ubc.ca/~mlindstr/m105</a>
<b>INSTRUCTOR:</b>	Michael Lindstrom (Mike)
<b>OFFICE HOURS:</b>	Official (LSK 100C): Mon 9:00-10:00; Tue 15:00-16:00; Thu 16:30-17:30 Unofficial (LSK 311E): Just drop by – I'll do the best I can to help.
<b>CONTACT INFO:</b>	Office Phone: 604-822-0636 (but email is better...) Email: MLRTLML [at] math [dot] ubc [dot] ca
<b>VISTA &amp; WEBWORK</b>	<a href="http://www.vista.ubc.ca">www.vista.ubc.ca</a> (forums to ask questions, discuss, etc.) and WebWork access
<b>TEXTBOOK:</b>	<i>Calculus, Early Transcendentals</i> by Briggs and Cochran
<b>UPDATES:</b>	Section website and via Twitter @math105_207_ubc
<b>COMMON COURSE WEBSITE:</b>	<a href="http://www.math.ubc.ca/~malabika/teaching/ubc/spring12/math105/index.html">http://www.math.ubc.ca/~malabika/teaching/ubc/spring12/math105/index.html</a>

**EXTRA HELP:** Outside of class there is an abundance of extra help available – at least 40 hours a week! You are encouraged to take advantage of it. Weekdays, there are tutors from the Math Department available in the Math Learning Centre (basement of LSK) and online. More information here: <http://www.math.ubc.ca/Ugrad/ugradTutorials.shtml>. From 15:00-19:00 Mon-Thurs, there is also AMS Tutoring (which also includes Physics, Chemistry, and Economics tutoring) in the Irving K. Barber Learning Centre. AMS tutoring also runs in Totem Park and Place Vanier on Tuesday and Thursday nights, and online. More information here: <http://tutoring.ams.ubc.ca/>. Both services are free.

In addition, you are highly encouraged to form study groups, share notes, discuss homeworks, etc. And don't forget about office hours (official / unofficial)!

**GRADING SCHEME:** Your final mark will be computed as follows:

Final Examination:	<u>50%</u>
Two Midterms:	<u>30%</u> (15% each)
Course-common WebWork Assignments:	<u>10%</u> (two lowest scores dropped)
Remainder:	<u>10%</u>
Highest of:	
A:	4% for clickers (2:2 participation:correctness) 3% for routine homework 2% for challenge problems 1% for pop quizzes
B:	5% for pop quizzes 3% for clickers (1:2 participation:correctness) 1% for routine homework 1% for challenge problems

**Midterms:** There will be two midterms of 50 minutes scheduled for Friday, February 3 at 5:30 pm and Friday, March 16 at 5:30 pm. Both midterms will be in LSK 201. If you cannot attend the midterms for a valid reason, you must notify the instructor before January 6, 2012 or the dates and times are finalized.

**WebWork:** There will be approximately 10 problems posted on WebWork each week, due the following week. No late assignments are accepted.

**Routine Homework Assignments:** Problems to be handed in will be assigned roughly every week, and will be due in class on their respective due dates. The lowest mark will be dropped. Understanding the homework is vital to succeeding in the course!

**Challenge Problem Assignments:** More challenging problems to be handed in will be assigned throughout the course: 4 in total. They are due in class on their respective due dates.

**"Pop" Quizzes:** At N=6 dates throughout the course, there will be a brief (10-15)-minute quiz in class. The quizzes can cover anything that has been covered in class or that is in the current pre-readings in the schedule. Only the best N-3 quizzes will be counted. You will always be notified prior to a quiz – it's just that the dates are to be determined.

**Clickers:** Clicker marks can be assigned to individuals or to groups of 2 if permission is granted (by January 9, 2012). The marks are split between a participation mark and a correctness mark. Full participation marks are earned for a 70% response rate across all problems, and full correctness marks are earned for 70% correctness across all problems. Part marks are assigned for the corresponding portions of 70%. For example, answering 80% of questions and being right for 50% of all questions yields a clicker mark of 100% for participation and 71% for correctness.

**Final Exam:** The final exam will take place during the final exam period. The date, time, and policies are to be announced.

**Practice Final Exam:** On Monday, April 2 at 5:30 pm, there will be a 90-minute practice final exam. Formally it is not for marks, but it may count for bonus marks of some form. More details will be given closer to the date.

#### **GENERAL POLICIES:**

If a midterm is missed for a valid reason, the other midterm will account for 30% of the grade. If both are missed, a student will generally automatically fail the course. Valid reasons include one of the following: (a) prior notice of a valid, documented absence (e.g. out-of-town varsity athletic commitment), (b) notification to the instructor within 72 hours due to a medical condition, or (c) an emergency. All of (a), (b), and (c) require written documentation, for example a doctor's note stating the student was medically unfit to be in school or a letter from a coach. A score of zero will otherwise be assigned.

If an assignment is missed for a valid reason as above, that item will not be counted towards the final grade. Otherwise a score of zero will be recorded. If more than 3 quizzes are missed for valid reasons, quiz marks will start to be excused.

If assignments are not submitted in class, they are deemed late unless special permission is granted. Late assignments receive an automatic 50% deduction. Assignments not submitted by 3 pm on the due date will receive a grade of zero.

If you collaborate on an assignment, you must identify who you worked with on your assignment and what you submit must be your own work! If copying (i.e. cheating) is noted, all parties involved will receive -300% for the assignment grade and this homework mark will not be dropped. Plagiarism is serious! In the case an individual or pair is found cheating the clicker system (i.e. skipping and getting someone to cover for them), that individual or pair will receive 0% for their overall clicker grade.

There will be no calculators during quizzes/tests. A formula sheet will be provided for midterms and for the final exam.

A random selection of quizzes/midterms will be photocopied before being returned. Adjusting answers after a test and asking for a re-grading is cheating.

If a student is suspected of cheating (on a midterm, quiz, assignment, etc.), an investigation will be launched and severe academic disciplinary action may follow.

Homework-specific or conceptual questions should be posted on Vista instead of an individual email to the instructor (this way everyone can benefit from the discussion and the same question doesn't continue to come up again and again).

Section marks may be scaled for fairness. The instructor reserves the right to revise any mark.

#### **CLASSROOM GUIDELINES:**

**Please be on time:** If you do arrive late, please enter at the back and be as quiet as possible to avoid interrupting others.

**Noise level:** Conversations are best had outside of the classroom... It's disruptive if you chat during a lecture.

**Electronic Devices:** Please turn off the noise on any cell phones, etc. Please only use laptops towards the back of the room to avoid distracting others.

**Snacks:** Snacks and drinks are okay (one needs to eat breakfast after all!), but please: nothing loud or smelly.

**Participation:** You are encouraged to get involved in the material, to answer questions in class, and to ask questions when you're unclear of what's going on. Don't be afraid to ask questions! To better engage with classroom discussion, please refrain from sitting in the back two rows.

**Surveys:** Throughout the term you will be given online surveys to fill out. They will be anonymous and will give you the opportunity to express how things are going in the course and to address any concerns you may have.

**Review:** There will be review sessions. They will take place in class, and in special out-of-class sessions. An effort will be made to offer as much review as possible.

**Succeeding:** There is no rule that anyone has to fail! And there is absolutely no reason you cannot excel in this course if you work for it ☺!