Calculus 1000A- Section 003
Section Specific Information – Fall 2019

Instructor: Andrew W. Herring
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Office Hours: M 3:00pm-4:00pm in MC 106, T 12:00pm-1:00pm in MC 106, and R 4:00pm-5:00pm in MC 107
Class: MWRF 1:30pm–2:30pm in North Campus Building 113
Course Website: `https://www.math.uwo.ca/faculty/adamus/teaching/1000a2019/index.html`
Course Outline: is here.

Textbook: The textbook for the course is *Single Variable Calculus: Early Transcendentals (8th edition)* by James Stewart (published by Cengage/Brooks Cole). Please note that even though the Western Bookstore bundles other products with the textbook (eg. homework access codes), they will not be used in the course.

Midterm Exam: On **Friday October 25, 2019, 7:00pm-9:00pm** you will write a two hour exam-style test. The location of the midterm will depend on your section and surname. More specific exam details will be given as the exam draws nearer. The exam is closed book, no notes, no calculators, and no electronic devices whatsoever-any single violation of these rules will result in recieving a zero (0) on the exam, and also being reported for academic dishonesty.

Final Exam: During the final examination period, you will write a three hour cumulative exam. The exact date, time, and location of the final exam will be determined by the Registrar. The exam is closed book, no notes, no calculators, and no electronic devices whatsoever-any single violation of these rules will result in recieving a zero (0) on the exam, and also being reported for academic dishonesty.

Grading Policy: Your final course mark is determined by the following:

Midterm Exam	35%	25 Oct, 2019 7:00pm-9:00pm
Final Exam	50%	time TBD
WeBWorK & Written Assignments	15%	assigned regularly

WeBWorK: The most important contributing factor to your understanding of calculus, and therefore by extenion to your success in this course, is regular practice of problems. In an ideal situation, this would probably take the form of weekly written homework which is marked by a human who gives thoughtful feedback. Due to the size of Calculus 1000A and the scarcity of human markers, the next best thing is regularly assigned online homework. You will be given a selection of problems through the WeBWorK online interface each week for you to practice with. WeBWorK automatically marks each assignment, and thus eliminates most of the need for human markers. Plus WeBWorK costs nothing. Neat.
To access WeBWorK for our section:

(1) visit `https://webwork1.stats.uwo.ca/webwork2/`,

(2) select the option "Calc1000A-sec003-2019,"

(3) login with your usual Western User ID and password.

In order to use WeBWorK most effectively, you should have a look at the assigned problem, consult the relevant sections from your in class notes and the textbook, try to come up with your own solution on paper, and only then enter your solution into WeBWorK. If your answer is correct, congratulations you just solved a calculus problem. If not, go back to your work and check for errors. Perhaps you committed an arithmetic error, perhaps you misinterpreted the question, or perhaps you didn't understand the question in the first place. If at this stage you haven't easily identified your mistake and fixed it, now it's time to seek help. Some **very good resources** for getting help include:

- Me during office hours (by far the best option),
- Me during class (only if time permits it),
- Me via email (potentially variable response times),

- the Math Help Center (staffed by Mathematics graduate students, located in MC 106; more info to come).

Some **not so good resources** for getting help include:

- the internet (how are you supposed to judge the quality of the information if you don't know how to solve the problem yourself?! Plus this consitutes cheating, and will be dealt with accordingly),
- classmates (again, how do you know that they know what they're talking about? I don't mean to discourage collaboration: meaningful discussion with your peers can be hugely beneficial for both parties, but it's very easy to cross into academic dishonesty territory which is something that you will want to avoid),
- tutors (the exception here are tutors which are officially listed on the Math Department website, beware however that this site is old so a large number of the tutors listed on the page are no longer in London: don't be offended if they don't respond to your message).

Written Assignments: The tentative plan is to give three written assignments over the course of the semester. These will be turned in and marked by a human. This allows us to give you more meaningful feedback than can be given through WeBWorK. Think of the written assignments as a golden opportunity to practice expressing your ideas precisely and clearly. Think about the following hypothetical as you prepare your solutions: if I were to look back at this solution six months from now, would I be able to understand what I wrote? If yes, you might be okay; if no, then you definitely need to work harder on communicating your ideas. More information on written assignments will be given in due time.

Suggested Problems: The course coordinator has compiled a list of suggested problems from the textbook. Given the infrequency of formal written assignments, it's a very good idea to attempt these suggested textbook problems for practice. In general it's a much better strategy to try and work through these near to the time the material is presented in class as opposed to trying to "cram" all of them just before exam time. The list of problems is posted here.