Mathematics 1151:
Calculus I for the Social and Life Sciences
Fall 2016

Instructor: Dr. Luis Santiago
Email: lsantiag@lakeheadu.ca
Lectures: Monday, Wednesday and Friday, 12:30pm–3:30pm, RB1042
Lab: Friday, 3:30pm–4:30pm, AT2001
Office hours: Fridays from 11:30am–12:30pm or by appointment, RB3008
Textbook: *Calculus for Biology and Medicine*, 3$^{\text{rd}}$ Edition, by Claudia Neuhauser

Course Content: The goal of this course is to familiarize you with the basic concepts of differential calculus. We will cover the following topics: Limits, Continuity, the Derivative, and Applications of the Derivative.

Lab: The lab will reinforce concepts through explanations and examples, as well as provide students with the opportunity to ask questions about the content given in class or assignment problems. Though the lab is not mandatory, it is beneficial to attend.

Grading Scheme:

Assignments	10%
Midterm 1	25 %
Midterm 2	25 %
Final Examination	40 %

NOTE: If one of the midterm marks is lower than the final examination, the weight of that midterm will be moved to the final examination, giving the following grading scheme:

Assignments	10%
Midterm	25 %
Final Examination	65 %

Assignments: There will be a total of 6 assignments given approximately every two weeks. The lowest assignment grade will be dropped.

- All assignments should include a cover page with the following information: course number, assignment number, student name and ID.

- Assignments should be dropped off in the assignment boxes on the second floor of the Ryan building before 24:00 midnight of the due date. Solutions will be sent by email the day after the assignment is due.

Please note that **late assignments will not be accepted**. Students are encouraged to work together to understand the concepts in each assignment, but individual assignments must be submitted and copying is not allowed.

Midterm and Final Exam: There will be two midterm examinations: Wednesday, October 5th and Friday, November 4th. The date of the final examination will be provided when it is scheduled.

- Midterms and the final examination will be closed book, but students are allowed to bring a one-sided sheet of $8\frac{1}{2} \times 11$ paper of personal study notes.

- Calculators are not allowed in midterm and final examinations.

- If a midterm is missed, there will be no makeup test. If a valid excuse is given (e.g., doctors note), then the weight of the midterm will be moved to the final examination.

Important Dates: Please note the following important dates:

Tuesday, September 6, 2016:	First day of classes
Monday, September 19, 2016:	Final date to register
Wednesday, October 3:	First Midterm
Monday, October 10:	Thanksgiving Day - University Closed
Monday, November 7, 2016:	Final date for withdrawal
Friday, November 4:	Second Midterm
Monday, December 5, 2016:	Final day of class
Thursday, December 8:	First day of exams
Sunday, December 18:	Final day of exams
Monday, December 19:	Contingency Date

Tutoring: The Lakehead University Mathematics Assistance Centre (LUMAC) provides free tutoring throughout the academic year (for more information visit https://www.lakeheadu.ca/academics/departments/math/lumac).