

Mathematics 1230:
Calculus II for Engineers
Winter 2016-2017

Instructor: Dr. Luis Santiago

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Lectures: Monday, Wednesday and Friday

Section WA: 8:30 AM–9:30 AM, RB 2047

Section WB: 10:30 AM–11:30 AM, RB 2047

Lab: Tuesday, 1:30 PM–2:30 PM, UC 1017

Office hours: Monday and Wednesday from 11:30 AM–12:30 PM or by appointment, RB3008

Textbook: *Calculus*, 6th Edition, by Ron Larson and Bruce Edwards.

Course Content: The topics to be covered are, tentatively, the following:

1. Sections 5.5, 5.7, 5.8 and 5.9.
2. All of Chapter 7, except 7.7.
3. All of Chapter 8.
4. All of Chapter 9.
5. Sections 14.1 and 14.2.

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:

Homework Assignments	15 %
Midterm (Wednesday February 15)	30 %
Final Examination	55 %

There will be NO make-up midterm test! If you miss the midterm test for a legitimate reason which you can document, the weight of the midterm test will be transferred to the final exam, e.g. the weight of the final exam will be 85 %. The final exam may cover both the first half and the second half of the course. The midterm test will take place on Wednesday February 15.

RE-EVALUATION OF TEST: If you want to have any of the questions in your midterm test re-evaluated, it is important that you follow the following procedure:

- (a) **DO NOT MAKE ANY CHANGES TO YOUR TEST PAPER.** If you do, then I am obliged to report this to the Dean, who shall then seek a severe penalty consistent with the offense, up to and including expulsion from the University.
- (b) This instruction must be followed strictly. On a **SEPARATE** piece of paper state what is wrong with the way your test was marked. Attached it to your test paper and hand it to me. **DO NOT WRITE ANYTHING ON THE TEST PAPER.**
- (c) No mark changes will be considered after seven days from the day the test is handed back.

Note that in any re-evaluation of your marks, while there is a potential for your mark to increase, there is also the possibility for your mark to decrease as well.

Homework Assignments: Assignments are given as topics are covered in class. The lowest assignment grade will be dropped. Assignments will be collected and graded online using the free online homework system WebWork.

WebWork Login: Log in through the website

<https://ftcourses.webwork.maa.org/webwork2/ft-lakeheadu-math1230/>

You will need to sign in using your Lakehead University email address for your username and your student ID number for your password. Once you have logged in, you can change your password if you wish.

Accommodations: Lakehead University is committed to achieving full accessibility for persons with disabilities. Part of this commitment includes arranging academic accommodations for students with disabilities to ensure they have an equitable opportunity to participate in all of their academic activities. If you think you may need accommodations, you are strongly encouraged to contact Student Accessibility Services (SAS) and register as early as possible. For more information, please visit:

<http://studentaccessibility.lakeheadu.ca>

Important Dates: Please note the following important dates:

Monday, January 9, 2017:	First day of classes
Friday, April 7, 2017:	Final day of class
Friday, January 20, 2017:	Final date to register
Friday, March 10, 2017:	Final date for withdrawal
Wednesday, February 15, 2017:	Midterm
Monday, April 10:	First day of exams
Sunday, April 23, 2017:	Final day of exams
Monday, April 24, 2017:	Contingency Date
Monday Feb 20 - Friday Feb 24, 2017:	February Break

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>).