

Math 1077 WA

Winter 2017 Syllabus

Instructor: Aaron Pearson
Office: RB2006
Office Hours: Friday 9:00-11:00 AM

Classroom: RB1021
Classes: M/W/F 11:30 AM-12:30 PM

Lab: RB3049
Lab Times: Tuesday 2:30-4:30 PM

Text: Richard Paul/M. Leonard Shaevel: *Essentials of Technical Mathematics with Calculus, 2nd Edition, Part B*

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>

From the Course Calendar: Exponents and logarithms and their algebra; geometric progressions; binomial coefficients and the binomial theorem; mathematical induction; sequences and their limits; the exponential and natural logarithm functions; infinite series; and tests for convergence of infinite series.

Grades:

Assignments:	10%
Labs:	25%
Midterm Exam:	25%
Final Exam:	40%

There will be 5 assignments, due approximately every two weeks. The “Labs” portion of your mark will be based on 6 in-lab worksheets, to be completed every other week. On weeks when there is not an in-lab worksheet, lab time will be devoted to preparation for the upcoming assignment or exam.

In the calculation of your final grade, the lowest-marked assignment, and the two lowest-marked labs, will be dropped from consideration.

Your final grade will be calculated in two ways:

Scheme 1: The grade scheme given above.

Scheme 2: The midterm exam will be dropped from consideration, and its weight added to the final exam.

Your final grade will be the higher of these two marks.