Mathematics 1310 3.0 Section M
Integral Calculus with Applications
Winter 2019
Days: Mondays, Wednesdays and Fridays
Time: 9:30 a.m. – 10:20 a.m.
Place: Curtis Lecture Hall C

Course Coordinator: Professor M. W. Wong
Office: N530 Ross Building
Office Hours: Tuesdays and Thursdays, 11:30 a.m. - 1:00 p.m.
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Course Objectives: The students are expected to learn integration in rectangular and polar coordinates with applications in computing areas of regions bounded by curves, areas of surfaces of revolution, volumes of solids of revolution, arclength, mean values of functions, among others. A second objective of the course is that the students should learn numerical sequences and series, power series and Taylor series.

Textbook: James Stewart, Calculus: Early Transcendentals, Eighth Edition, Cengage Learning, 2016, and Enhanced WebAssign (EWA)
You may buy the standalone multi-term version of EWA that includes the online version of the textbook. You can buy it online at www.bookstore.yorku.ca or pick up a flyer and take it to the cashier at the bookstore.

Syllabus: The following sections of the textbook will be covered, but not necessarily in the order as indicated.
Sections 5.5, 6.1-6.5, 7.1-7.4, 7.8, 8.1-8.2, 10.1-10.4, 11.1-11.11.

Grading Scheme:
Assignments (WebAssign): 15%
Two Class Tests: 20% each
Final Exam: 45%

Important Dates:
Test 1 on Friday, February 8, 2019
Test 2 on Friday, March 15, 2019
Final Exam: TBA

An Important Note about Tests and the Final Exam:
There will be no make-up tests. Students who have to miss a test for any good reasons with proof(s) may petition to have the weight of the test moved to the final exam. No calculators of any kind are permitted for the tests and the final exam.