MATH 184: DIFFERENTIAL CALCULUS
FOR SOCIAL SCIENCE AND COMMERCE
SEPTEMBER - DECEMBER, 2015

Instructor-in-Charge: **Shawn Desaulniers**
Email: **shawn@math.ubc.ca**
Common Website: **http://www.math.ubc.ca/~shawn/Math104-184**

Textbook : *Calculus: Early Transcendentals with student solutions manual*, Vol 1. Fourth custom edition for UBC, by Briggs, Cochran and Gillett. ISBN 10 digit: 1-269-91047-7   ISBN 13 digit: 978-269-91047-7

Course Description: Derivatives and rates of change, exponential and trigonometric functions, Newton's method, Taylor polynomials, maxima and minima, and graphing. Detailed learning objectives and timeline are listed on the common website.

This course is heavily coordinated, but individual instructors will have their own style. Be assured that the content taught will be the same across all sections, and that all sections will be prepared for the **common midterm** and **common final exam**.

Prerequisite*:* One of BC Principles of Mathematics 12 or Pre-calculus 12 and one of (a) a grade of 80% or higher in BC Principles of Mathematics 12 or Pre-calculus 12, or (b) a satisfactory score in the UBC Mathematics Basic Skills Test.

Grading Scheme:

WeBWorK Assignments	10%
Quizzes (in-class)	10%
Workshops	10%
Midterm (evening exam)	20%
Final Exam	50%

Note that *a student must score at least 40% on the final exam to pass the course*, regardless of the grade computed by the above calculation. **Calculators are not permitted on any quiz, midterm, or the final examination.**

Midterm: There will be a common midterm on **Thursday, November 5** at **6:00p – 7:30p.** Your instructor will announce the location for your section. Please contact the Instructor-in-Charge as soon as possible if you have a valid time-conflict.

Final Exam: The final examination in December is cumulative and covers the entire year. It is common to all sections of MATH 104 and 184.

ACADEMIC MISCONDUCT:
UBC takes cheating incidents very seriously. After due investigation, students found guilty of cheating on tests and examinations are usually given a final grade of 0 in the course, along with other penalties such as suspension or cancellation of a scholarships. Please refer to the Academic Calendar for more information: http://www.calendar.ubc.ca/vancouver/index.cfm?tree=3,54,0,0