MATH 104: DIFFERENTIAL CALCULUS
WITH APPLICATIONS TO COMMERCE AND SOCIAL SCIENCES
MAY - JUNE, 2017

Instructor: Avner Segal
Email: avners@math.ubc.ca


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.

Prerequisite: High-school calculus and one of (a) a grade of 80 Mathematics 12 or Pre-calculus 12, or (b) a satisfactory score in the UBC Mathematics Basic Skills Test.

Grading scheme:
- Quizzes 50%
- Final Examination 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 or the final examination.

Final Exam: The final examination in June is cumulative and covers the entire semester.

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](http://www.calendar.ubc.ca/vancouver/index.cfm?tree=3,54,0,0)