

MATH 120 (Section 101)

Honours Differential Calculus

Session 2017W Term 1, (Sept-Dec 2017)

Instructor Information

Instructor: Joshua Zahl

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Office: Math Building, Room 117

Office Hours: TBD

Course Information

Class time: MTWF 10:00 - 11:00

Class location: Math 102

Course web page:

http://www.math.ubc.ca/~jzahl/teaching/ma120_W2017/ma120_W2017.html . The webpage will be updated throughout the term.

Text: *Calculus, Volume 1* by Tom Apostol and *Calculus: Single Variable, 8th Edition* by Adams and Essex. You do not need to purchase either book for this course. The UBC library has multiple copies of Apostol on reserve for this course.

Course Description: This is an Honours course. Emphasis will be on both computation and theory.

Prerequisite: High-school calculus and one of (a) a score of 95% or higher in BC Principles of Mathematics 12 or Pre-calculus 12; or (b) permission from the Mathematics Department Head.

Evaluation

The course mark will be based on weekly homework assignments (20%), two midterms (40%), and a final exam (40%).

There will be weekly homework assignments, which are due Friday at the beginning of class. Graded homework will be returned the following Wednesday at the end of class. The lowest homework score will be dropped.

There will be two in-class midterms. These will be held on **Wednesday, October 4th** and **Wednesday, November 8th**. Please make sure you do not make travel plans, work plan, etc., without regard to the examination schedule in this class. There will be no make-up or alternate exams. If you miss a midterm, your score will be recorded as 0, unless you have a serious documented reason (an illness, a death in the family, etc.), in which case you should discuss your circumstances with the instructor as soon as possible, and in advance of the test. Missed finals are not handled by the instructor or the Mathematics Department. Students with legitimate reasons for missing the final exam should request a "Standing Deferred" status through their Faculty.

Academic Integrity: The Mathematics Department strictly enforces UBC's Academic Integrity Code. **Students with Disabilities:** Please see the instructor as soon as possible if you need any special accommodations.