Math 253: Multivariable Calculus 2018W Term 1 Sept–Dec 2018

This course outline is applicable to all sections of Math 253.

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Section 102 Can Selçuk
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Section 104 Mark Mac Lean
Section 105 Colin Macdonald (instructor in charge)

Course webpage: `http://www.math.ubc.ca/~cbm/math253/2018`

Text: The main text for this course is CLP-3 Multivariable Calculus by Joel Feldman and Andrew Rechnitzer. It is freely available from the course website or `http://www.math.ubc.ca/~CLP/CLP3/`.

Topics: This is a course on Multivariable Calculus. General topics to be studied are: vectors, curves and surfaces, partial derivatives, maxima and minima, and multiple integrals. A weekly syllabus is given on the course webpage.

Evaluation: There will be WeBWorK and written assignments, two midterm tests, and a final exam. All assignments, midterms, and the final exam are the same in all sections. The schedule appears on the course webpage.

Tests: There will be two 50-minute tests held during the regularly scheduled class hours on the following dates:

<div align="center">Wednesday, October 10,   Wednesday, November 14.</div>

Policies: Missing an assignment or midterm normally results in a mark of 0.

Exceptions may be granted in two cases: prior consent of the instructor or a medical emergency. In the latter case, the instructor must be notified within 48 hours of a missed midterm, and presented with a physician's note within 7 days. Failure to comply with these time limits will result in a mark of 0. A physician's note should specifically state that the student was medically unfit to write the missed midterm on that day. Absence of this exact information will result in a mark of 0. There will be no make-up midterms: if a student misses a midterm for a legitimate, well-documented reason, then the mark for the final exam will be assigned to the missed midterm.

No late homework will be accepted. There will be no make-up homework: If a student misses an assignment with a valid reason, that assignment will be dropped.

Calculators, formula sheets, or other aids are not allowed on the midterms or final exam. You must bring your UBC ID card to tests and the final exam.

Grades may be scaled to ensure fairness.

Final exam: There will be a final examination during the December examination period.

Final mark: The final mark will be calculated as the better grade of the following two schemes:

Scheme 1:
   WeBWorK: 5%
   Homework: 5%
   Two midterms: 40%
   Final exam: 50%

Scheme 2: (not recommended, for emergency use only)
   Final exam grade (out of 100) minus 10.

Updated Sept 5, 2018.