MATH 184: Differential Calculus with applications to Commerce and the Social Sciences

January 2014

SCHEDULE: Section 201, 15:00-16:00 MWF in LSK 200 plus 1.5 hour workshops (Sec W2A 12:30-14:00 Tu in LSK 462, W2B 9:30-11:00 Th in MATH 102, W2C 15:30-17:00 Th in LSK 462, W2D 15:30-17:00 Tu in MATH 105, W2E 15:30-17:00 Tu in LSK 462).

INSTRUCTOR: Richard Anstee Office: Math Annex 1114, phone 604-822-6105 email anstee@math.ubc.ca Home: phone 604-325-8877

OFFICE HOURS: 1:30-2:30 MWF, but you can try anytime (I usually arrive by 9:00)

WEBSITE: http://www.math.ubc.ca/~anstee/math184/math184.html

TEXT: Single Variable Calculus, Early Transcendentals, Briggs and Cochran,

OUTLINE: This course is for students with Precalculus 12 or Principles of Mathematics 12 but no Secondary School Calculus. This course is aimed at students pursuing some applications in Economics and Business but is suitable for a broad range of students wishing Differential Calculus including MATH Majors. Given that this is a 4 credit course, expect to do at least 1/3 more work than in a regular 3 credit course. The course website above has a complete outline of topics. I will not necessarily follow the order exactly but will cover all the material.

GRADING: Grade computed as 50% final, 50% term grade. The term grade will in turn be comprised of 30% from the best 3 out of four term tests, 10% homework, 10% workshop attendance/participation. Grades are often scaled based on overall achievement of the section.

WORKSHOPS: The TAs in the workshop will monitor attendance/participation and grade small assignments. They will comment on the work you do to aid learning.

ASSIGNMENTS: There will be weekly online Webworks assignments.

TESTS: I am scheduling our in class 50 minutes tests for Fridays. The dates are: January 24, February 14, March 7 and March 28.

FINAL: 2 1/2 hours. During the formally scheduled exam period.

MISSED WORK: From time to time students may be unable to do the tests. In the case of the Final Exams, the students should contact the Faculty of Science office and the missed final will be handled in a formal way. In the case of out term tests, please contact me before class time on the due date, and given your reasons for the missed test. One missed test has no effect since the remaining three will count to your grade. If you legitimately miss two tests, then each test will count towards 10% of your nominal grade that will be now be computed out of 90. In such circumstances your grade is scaled appropriately to get a grade out of 100, namely by multiplying by 100/90. We have the ability to allow two missed workshops without an effect on your grade. If you miss more tests/workshops, then you are reminded that a student must finish a significant amount of term work in order to pass.