MA100C – Introductory Calculus for the Natural Sciences

Winter Term, 2017

Calendar Description
This course concentrates on developing mastery of pre-calculus and introductory calculus skills and techniques. Pre-calculus topics include: solving equations and inequalities; algebraic, trigonometric, logarithmic and exponential functions and their properties. Calculus topics include: rates of change and tangents; differentiation of algebraic, trigonometric, exponential and logarithmic functions; integration; and techniques of integration.

Instructor
Rick Elliott (PhD)
Office: LH3069 (Lazaridis Hall)
Office Hours: By appointment only
Email: relliott@wlu.ca

Lectures
- Monday, Wednesday, Friday, 12:30 p.m. – 1:20 p.m. in BA202 (Bricker Academic Building)

Lab Coordinator
Andrew Kabbes
Email: akabbes@wlu.ca
Office: LH3046 Telephone: x4519

Textbook

Calculators
Students may only use the approved scientific calculator, Casio fx-300ms plus, on course tests and the final examination. No other calculator is allowed. It is available for purchase at the campus bookstore.
MyLearningSpace
Materials related to this course and the full course outline will be posted on the MA100 MyLearningSpace website. You are responsible for checking here on a regular basis for important announcements.

Evaluation
A final mark out of 100 will be calculated as follows:

- WebWorK Assignments: ................................................................. 10%
- Lab-Problem Sessions + Quizzes: .................................................. 20%
- Midterm: (Monday, Feb. 27, 2017, 5:30 p.m. – 6:50 p.m. in 1E1) ........ 30%
- Final Exam: (2 hours; exact date, time and location to be announced) ....... 40%

The final mark will be reported as a letter grade in accordance with the conversion table of the current undergraduate calendar.

This document is a summary of the course outline for MA100 and is provided for the convenience of students.