



MA110* – Introduction to Differential and Integral Calculus

Fall/Winter Term, 2017-18

Calendar Description

A thorough introduction to limits of functions. Continuity and its consequences. Rational, algebraic and transcendental functions and geometric relationships. Theory and applications of differential and integral calculus of functions of a single variable The Fundamental Theorem of Calculus and techniques of integration. Introduction to multivariable calculus and applications.

Instructor (Section A)

Anne-Marie Allison (PhD)

Office: LH3050 (Lazaridis Hall)

Office Hours: Tuesday and Wednesday noon – 1 p.m., or by appointment

Email: aallison@wlu.ca

Include the course number in the subject or it might not be read.

Instructor (Section B)

Professor Manuele Santoprete (PhD)

Office: LH3045 (Lazaridis Hall)

Office Hours: Wednesday and Friday 1:30 p.m. – 2:30 p.m., or by appointment

Email: msantoprete@wlu.ca

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Lectures

- Section A: Monday, Wednesday, Friday, 10:30 a.m. – 11:20 a.m. in LH1010
- Section B: Monday, Wednesday, Friday, 12:30 p.m. – 1:20 p.m. in 1E1 (Arts Building)

Lab Coordinator

Erica Marshall

Email: emarshall@wlu.ca

Office: LH3072 Telephone: x3284

Textbook

- J. Stewart, *Calculus (Early Transcendentals)*, 8th Edition, CENGAGE Learning.

Calculators

Students may only use the approved calculator, Casio FX-300MS Plus required on lab assignments, quizzes, tests, exams, and the final examination. It is available for purchase at the campus bookstore. No other calculator is allowed.

MyLearningSpace

Materials related to this course and the full course outline will be posted on the MA110* MyLearningSpace website. You are responsible for checking here on a regular basis for important announcements.

Evaluation

A course mark out of 100 will be calculated from the following components:

• Pre-Calculus Exam (in class, Friday, Oct. 20, 2017):	10%
• Clickers:	10%
• Online Assignments:	10%
• Laboratories:	20%
• First Term Exam (December exam period, exact date and time to be announced, 2 hours):.....	20%
• Final Exam (April exam period, exact date and time to be announced, 2.5 hours):	30%
	100%

Your final mark will be calculated according to the above formula, and then any bonus marks from Pre-calculus Modules (see course outline) will be added, up to a maximum of 100. The final mark will be converted to a letter grade in accordance with the conversion table of the current undergraduate calendar.

This document is a summary of the course outline for MA110* and is provided for the convenience of students.