Course Title: **Methods of Calculus**

Course Number and Section:

MATH	1225A 550

Instructor Name(s):   Mohsen Mollahajiaghaei

Instructor Email(s):   mmollaha@uwo.ca

Disclaimer: Information in the brief course outline is subject to change. The syllabus posted on OWL is the official and authoritative source of information for the course.

Course Description:

Logarithmic, exponential and trigonometric functions; integration, applications of integration (area); techniques of integration, improper integrals; functions of several variables, Second Partials Test, Lagrange Multipliers; differential equations

Learning Outcomes:

Logarithmic Functions
Exponential Functions
Trigonometric Functions
Integration
Applications of integration (area)
Techniques of integration
improper integrals
Functions of several variables
Second Partials Test
Lagrange Multipliers
Differential equations

Textbooks and Course Materials:

Bundle: Custom Textbook and Solutions Manual for MAT0110A/B 1225A/B 1230A/B. The textbook cost is $116.25. For more information visit the bookstore.
Students are welcome to purchase second-hand or earlier editions of this textbook.

Methods Of Evaluation:

Assignment	Due Date mm/dd/yy	Weight - %
Quiz 1		4
Quiz 2		4
Quiz 3		4
Quiz 4		4
Quiz 5		4
Midterm		35
Final		45

In solidarity with the Anishinaabe, Haudenosaunee, Lūnaapéewak, and Chonnonton peoples on whose traditional treaty and unceded territories this course is shared.

Friday, April 25, 2025