

MATH211N : Calculus II

This course is a continuation of calculus I. Topics include definite and indefinite integration and the use of calculus in the calculation of areas and volumes. Various integration methods are covered including: integration by parts, trigonometric substitution, and partial fractions. Improper integrals are introduced as well as the study of infinite sequences and series, power series, Taylor series, and determining convergence or divergence of series.

Class Hours 4

Lab Hours 0 **Credits** 4

Prerequisites

[MATH210N](#)