

# AEMA 102. CALCULUS 2.

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Credits: 4

Offered by: Bioresource Engineering (Faculty of Agric Environ Sci)

Terms offered: Winter 2026

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## Description

Integration, the indefinite and definite integral. Trapezoidal and Simpson's Rule approximations for the integral. Applications to areas between curves, distance, volume, length of a curve, work, area of a surface of revolution, average values, moments, etc. Improper integrals and infinite series.

- Winter
- 3 lectures
- Prerequisite: Calculus 1 or equivalent

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