Math 262: Unified Calculus & Analytic Geometry II

Mathematics

This is the second course in a four-term calculus sequence for engineering and science majors. Topics include definite and indefinite integrals, areas under and between curves, the fundamental theorem of calculus, integration techniques, computation of volumes, surface areas, and length of curves, improper integrals.

After completing Math 262 with a C or higher, students may not receive credit for Math 121, 125, or 268.

3 Credits

Prerequisites

- Pre-requisite: Math 271 (C minimum) or Math 261 (C minimum).

Instruction Type(s)

- Lecture: Lecture for Math 262
- Lecture: Web-based Lecture for Math 262

Course Fee(s)

Mathematics

- $40.00

Online, Internet, or Web-based

Students may be required to pay additional fees to an outside vendor for identity verification prior to a proctored assessment.

- $100.00 per 3 Semester Credit Hours

Subject Areas

- Mathematics, General

Related Areas

- Algebra and Number Theory
- Analysis and Functional Analysis
- Geometry/Geometric Analysis
- Topology and Foundations