

MATH 242: Calculus II

Differentiation and integration concepts of trigonometric, exponential, logarithmic and hyperbolic functions. Integration implements, infinite series, and applications of derivatives and integrals are also featured. Formerly MATH 206.

Credits: 4

Lecture Hours: 4

Prerequisites:

Grade of "C" or better in MATH 205 or MATH 241 or equivalent or consent of instructor.

Program: Math

Student Learning Outcomes:

- Demonstrate proficiency in determining limits, derivatives, and integrals associated with the topics in the course.
- Use concepts from the course to solve applied problems.
- Demonstrate proficiency in working with sequences or series.
- Utilize precise mathematical language and symbols to effectively communicate mathematics in written and/or oral form.