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.

Course 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.