

# Math 555: Advanced Calculus I

Limits, continuity, power series, partial differentiation; multiple, definite, improper, and line integrals; applications. Prerequisite requirements for this course may also be satisfied by consent of instructor.

3 Credits

#### Prerequisites

• Math 305: Foundations of Mathematics (Minimum grade: C)

## Instruction Type(s)

• Lecture: Lecture for Math 555

### **Subject Areas**

<u>Topology and Foundations</u>

#### **Related Areas**

- <u>Algebra and Number Theory</u>
- <u>Analysis and Functional Analysis</u>
- <u>Geometry/Geometric Analysis</u>
- Mathematics, General

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