

# Math 555: Advanced Calculus I MATHEMATICS

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

Topology and Foundations

#### Related Areas

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

