

# 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](#)

