

# Math 555: Advanced Calculus I

Suprema and infima on the real line; limits, liminf, and limsup of a sequence of reals; convergent sequences; Cauchy sequences; and series, absolute and conditional convergence of series.

3 Credits

## **Prerequisites**

- Math 305: Foundations of Mathematics (Minimum grade: C)
- Prerequiste: Junior standing (60 hr).

# **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

