

# Math 555: Advanced Calculus I MATHEMATICS

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)

## 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

