Math 459: Introduction to Complex Analysis

Mathematics

Complex numbers, complex differentiation, the Cauchy-Riemann equations and applications; the Cauchy integral formula, contour integration, series.

3 Credits

Prerequisites
- Math 264: Unified Calculus & Analytic Geometry IV (Minimum grade: C)

Instruction Type(s)
- Lecture: Lecture for Math 459

Subject Areas
- Analysis and Functional Analysis

Related Areas
- Algebra and Number Theory
- Geometry/Geometric Analysis
- Mathematics, General
- Topology and Foundations