

# Math 459: Introduction to Complex Analysis

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)

Pre-Requisite: 24 Earned Hours

### Instruction Type(s)

Lecture: Lecture for Math 459

#### **Subject Areas**

Analysis and Functional Analysis

#### **Related Areas**

- Algebra and Number Theory
- Geometry/Geometric Analysis
- <u>Mathematics, General</u>
- Topology and Foundations

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