

# 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)
- 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
- Mathematics, General
- Topology and Foundations

