

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

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

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