

MATH 185: Intro to Complex Variables

Complex numbers and their geometry, plane topology, limits, continuity, differentiation, Cauchy-Riemann equations, analytic functions, series, Cauchy theorems, contour integration, and residue theory.

Credits: 3

Prerequisites/Permissions:

A "C" or better in MATH 195

Program:

Mathematics

COURSE DESCRIPTIONS

Essential Learning Outcomes: ELO #3: Knowledge of the Physical and Natural World

ELO #4: Intellectual and Practical Skills

ELO #6: Leadership and Applied Learning