

## **Engr 410: Engineering Analysis II** School of Engineering

Review of vector algebra; functions of several variables; multiple integrals; line integrals, and vector integral calculus; complex numbers, limits, analytical functions, and derivatives; line integrals; Cauchy's theorem and formula; Taylor and Laurent series; residue theory.

## **Prerequisites**

- Math 264: Unified Calculus & Analytic Geometry IV
- Math 353: Elementary Differential Equations
- Pre-Requisite: 24 Earned Hours

## Instruction Type(s)

• Lecture: Lecture for Engr 410

## **Subject Areas**

• Engineering, General

