

## **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

