

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.

4 Credits

Prerequisites

- [Math 264: Unified Calculus & Analytic Geometry IV](#) \$target.descriptions.MinimumGrade\$
- [Math 353: Elementary Differential Equations](#) \$target.descriptions.MinimumGrade\$
- Pre-Requisite: 24 Earned Hours

Instruction Type(s)

- Lecture: Lecture for Engr 410

Subject Areas

- [Engineering, General](#)

