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
- Math 353: Elementary Differential Equations

Instruction Type(s)
- Lecture: Lecture for Engr 410

Subject Areas
- Engineering, General