

## **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](#)
- Pre-Requisite: 24 Earned Hours

### **Instruction Type(s)**

- Lecture: Lecture for Engr 410

### **Subject Areas**

- [Engineering, General](#)

