

# Engr 310: Engineering Analysis I

## [School of Engineering](#)

An introduction to linear algebra: systems of linear equations, eigenvalues and eigenvectors. An introduction to numerical methods, including engineering applications. An introduction to concepts in probability theory and statistical methods. Computer-based solutions will be included in all topical areas.

3 Credits

### Prerequisites

- [Math 262: Unified Calculus & Analytic Geometry II](#)
- Pre-Requisite: 24 Earned Hours

### Instruction Type(s)

- Lecture: Lecture for Engr 310
- Lecture: Web-based Lecture for Engr 310
- Lecture: Study Abroad for Engr 310

### Course Fee(s)

#### Engineering 3

- \$25.00

### Online, Internet, or Web-based

Students may be required to pay additional fees to an outside vendor for identity verification prior to a proctored assessment.

- \$100.00 per 3 Semester Credit Hours
- \$0.00 per 3 Semester Credit Hours

### Subject Areas

- [Engineering, General](#)

