**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

**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

**Subject Areas**
- Engineering, General