C E 456: Civil Engineering Design II

**Civil Engineering**

Final course in capstone design sequence. Group experience in the design of a significant civil engineering project; data collection and quantitative analysis of economic and safety factors; qualitative evaluation based on reliability, aesthetics, ethics, social/environmental impact. Formal presentation and evaluation of projects to a jury of practicing professionals and electronic submission of a formal report.

**3 Credits**

**Prerequisites**
- C E 455: Civil Engineering Design I
- Pre-Requisite: 24 Earned Hours

**Instruction Type(s)**
- Lecture: Lecture for C E 456

**Course Fee(s)**
- Civil Engineering 2
  - $100.00
- Civil Engineering 3
  - $200.00

**Subject Areas**
- Civil Engineering, General

**Related Areas**
- Geotechnical and Geoenvironmental Engineering
- Structural Engineering
- Transportation and Highway Engineering
- Water Resources Engineering