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

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

Course Fee(s)
- Civil Engineering 2
  - $100.00 when booked for:
    - Spring, Second Spring, May, Full Summer, First Summer, Second Summer, August 2016-17
    - Fall, First Fall, Second Fall, Winter, Spring, First Spring, Second Spring 2017-18

Subject Areas
- Civil Engineering, General

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