C E 456: Civil Engineering Design II

Civil Engineering Design II is the final course in the capstone design sequence. It offers group experience in the design of a significant civil engineering project, involving data collection and quantitative analysis of economic and safety factors. Participants conduct qualitative evaluation based on reliability, aesthetics, ethics, and social/environmental impact. The course includes formal presentation and evaluation of projects to a jury of practicing professionals, as well as 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

Subject Areas
- Civil Engineering, General

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