

# C E 456: Civil Engineering Design II

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. The taking of the National Fundamentals of Engineering (FE) examination is required for a passing grade.

3 Credits

# **Prerequisites**

• C E 455: Civil Engineering Design I

• Pre-Requisite: 24 Earned Hours

### Instruction Type(s)

• Lecture: Lecture for C E 456

# Subject Areas

• Civil Engineering, General

#### **Related Areas**

- Civil Engineering, Other
- Geotechnical and Geoenvironmental Engineering
- Structural Engineering
- Transportation and Highway Engineering
- Water Resources Engineering

