

## **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. 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](#) \$target.descriptions.MinimumGrade\$
- 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](#)

