

## **C E 511: Structural Analysis II**

### **CIVIL ENGINEERING**

Advanced topics in structural analysis; matrix methods and finite element modeling; structural instability; structural dynamics; system identification and health monitoring algorithms; computational simulation and visualization.

3 Credits

#### **Prerequisites**

- Pre-requisite: C E 411 or Graduate Standing

#### **Instruction Type(s)**

- Lecture: Lecture for C E 511

#### **Subject Areas**

- [Civil Engineering, General](#)
- [Structural Engineering](#)

#### **Related Areas**

- [Civil Engineering, Other](#)
- [Geotechnical and Geoenvironmental Engineering](#)
- [Transportation and Highway Engineering](#)
- [Water Resources Engineering](#)

