

## **Engr 672: Viscoelasticity**

### **SCHOOL OF ENGINEERING**

Integral and differential operator forms of constitutive relationships, relaxation and creep characteristics, integrals and Fourier transform methods. Laplace transform methods and approximate inversion techniques. Dynamic response problems and temperature-dependent effects. Nonlinear behavior characterization.

3 Credits

### **Prerequisites**

- [Engr 617: Continuum Mechanics](#)

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

- Lecture: Lecture for Engr 672

### **Subject Areas**

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

