

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

### Instruction Type(s)

- Lecture: Lecture for Engr 672

### Subject Areas

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

