

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](#)

