

ENGR 2110 : Engineering Mechanics I

Statics and Mechanics of Materials. A vector approach to study the equilibrium of particles and rigid bodies, force systems, friction, properties of areas and analysis of structures. Fundamentals of stress and strain under axial loading, torsion, bending, transverse loading, and combined load. Prerequisite: PHYS 1820.

Credits 4.0

Semester Offered

Fall