

ME 203 : Applied Mechanics I: Statics

The course teaches: fundamentals of forces and moments in 2 dimensions and 3 dimensions, moment about a point and about an axis, equivalent force systems, vector operations, 2D and 3D equilibrium of particles and rigid bodies, free body diagrams, center of mass, analysis of beams, trusses, frames and machines, and dry friction.

Credits 3

Lab Hours 0

Lecture Hours 3

Tutoring Hours 0

Prerequisites

[PHU 103](#), [MAT 112](#)

Corequisites

none