

Course Number

MER-214-02

Course Description

A branch of applied mechanics that deals with the behavior of solid bodies subjected to various types of loading. The solid bodies considered in this course include axially-loaded members, shafts in torsion, thin shells, beams, and structures that are assemblies of these components. Strength of materials analysis determines the stresses, strains, and displacements produced by the loads. Includes a laboratory component.

Academic Term

22/SP

Instructor

Ramasubramanian, Ashok

Location & Meeting Time

Karp Hall-006+ M/W/F 09:15AM-10:20AM LEC

Credits

1.00

Capacity

12

Total Students

6

Common Curriculum

WAC Writing Across Curriculum

Academic Department

Mechanical Engineering

Field Of Study

Mechanical Engineering (MER)