

Course Number

MER-214-01

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

20/WI

Instructor

Rapoff, Andrew

Location & Meeting Time

Integrated Science & Engineering Complex-218 M/W/F 11:45AM-12:50PM LEC

Petition

N

Credits

1.00

Capacity

24

Total Students

8

Additional Information

[http://cs.union.edu/me\\_dept/me\\_dept.html](http://cs.union.edu/me_dept/me_dept.html)

Common Curriculum

WAC Writing Across Curriculum

Academic Department

Mechanical Engineering

Field Of Study

Mechanical Engineering (MER)