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 21/SP Instructor Gudlur, Pradeep Location & Meeting Time Integrated Science & Engineering Complex-220 M/W/F 01:50PM-02:55PM LEC Credits 1.00 Capacity 12 **Total Students** 7 Additional Information 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)