

Course Catalog - Spring 2010

Civil and Environmental Engineering

471 ***Structural Mechanics*** credit: 3 or 4 hours.

Beams under lateral load and thrust; beams on elastic foundations; virtual work and energy principles; principles of solid mechanics, stress and strain in three dimensions; static stability theory; torsion; computational methods. 3 undergraduate hours. 3 or 4 graduate hours. Prerequisite: MATH 285 and TAM 251.