

CIEG 301: Mechanics of Materials Lecture

Introductory analysis of tension, compression and shear, analysis of stress and strain, ties, shafts, beams and columns, related laboratory experiments and computer applications, introduction to structural analysis and design. This course must be taken during the same semester as CIEG 301b, Mechanics of Materials Lab. Exceptions must be approved by Instructor prior to course registration.

Credits: 3

Prerequisites/Permissions:

MATH 159; CIEG 202, Coreq.: MEEG 209.

Corequisite: CIEG 303

Program:

Civil Engineering

COURSE DESCRIPTIONS