

Course Number

BME-201-01

Course Description

A basic biomechanics course concerned with two- and three-dimensional force systems, equilibrium and distributed forces. These topics will be studied in the context of the musculoskeletal system. This course also introduces strength and elastic deflection of biological tissues due to loads applied axially, in torsion, in bending, and in shear. Shear and bending moment diagrams, friction, and area moments of inertia will be introduced.

Academic Term

21/FA

Instructor

Loya, Amy

Location & Meeting Time

Olin Building-106+ M/W/F 09:15AM-10:20AM LEC

Petition

Y

Credits

1.00

Capacity

29

Total Students

28

Academic Department

Biomedical Engineering

Field Of Study

Biomedical Engineering (BME)