

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

22/FA

Instructor

Loya, Amy

Location & Meeting Time

Integrated Science & Engineering Complex-187+ M/W/F 11:45AM-12:50PM LEC

Petition

Y

Credits

1.00

Capacity

24

Total Students

23

Academic Department

Biomedical Engineering

Field Of Study

Biomedical Engineering (BME)