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
20/FA
Instructor
Loya, Amy
Location & Meeting Time
Visual Arts Building-204+ M/W/F 08:00AM-09:05AM LEC
Hybrid-HYBR LEC
Petition
Y
Credits
1.00
Capacity
27
Total Students
30
Academic Department
Biomedical Engineering
Field Of Study
Biomedical Engineering (BME)