

Course Number

MER-201-01

Course Description

A basic engineering mechanics course concerned with the equilibrium of non-deformable bodies at rest or moving with a constant velocity on a straight path. Free body diagrams, Newtonian mechanics, vectors and the calculus are used to solve problems throughout the course. Topics include force vectors and systems, equilibrium, trusses, frames, friction, center of gravity, centroids, moments of inertia and fluid hydrostatics.

Academic Term

21/FA

Instructor

Ali, Hessein

Location & Meeting Time

Integrated Science & Engineering Complex-218 M/W/F 09:15AM-10:20AM LEC

Credits

1.00

Capacity

24

Total Students

22

Academic Department

Mechanical Engineering

Field Of Study

Mechanical Engineering (MER)