

Course Number

MER-201-02

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

22/FA

Instructor

Hamed, Ali

Location & Meeting Time

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

Petition

Y

Credits

1.00

Capacity

24

Total Students

17

Academic Department

Mechanical Engineering

Field Of Study

Mechanical Engineering (MER)