

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

20/WI

Instructor

Bucinell, Ronald

Location & Meeting Time

Integrated Science & Engineering Complex-218 M/W/F 10:30AM-11:35AM LEC

Petition

N

Credits

1.00

Capacity

24

Total Students

9

Additional Information

[http://cs.union.edu/me\\_dept/me\\_dept.html](http://cs.union.edu/me_dept/me_dept.html)

Academic Department

Mechanical Engineering

Field Of Study

Mechanical Engineering (MER)