Course Number
MER-212-01
Course Description
A basic engineering mechanics course concerned with the kinematics and kinetics of non-deformable particles and two dimensional bodies undergoing acceleratory motion. D'Alembert free body diagrams, Newtonian mechanics, energy approaches, vectors and the calculus are used to solve problems throughout the course. Topics include kinematics, force and acceleration, work and energy principles and impulse and momentum principles. Includes a design component.
Academic Term
22/SP
Instructor
Rapoff, Andrew
Location & Meeting Time
Integrated Science & Engineering Complex-222+ M/W/F 01:50PM-02:55PM LEC
Integrated Science & Engineering Complex-222+ T 10:55AM-12:40PM LEC
Petition
Y
Credits
1.00
Capacity
40
Total Students
35
Academic Department
Mechanical Engineering
Field Of Study
Mechanical Engineering (MER)