ME-220
Dynamics
Fall 2016

Instructor: Dr. Peiman Naseradinmousavi
Dept. of Mechanical Engineering
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Office: E323C
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Office Hours: 11:00-12:00 MW

Class Time: 17:30-18:45 pm MW
Location: NE-271

Prerequisite:
Mechanical Engineering 200 or Aerospace Engineering 200 with a grade of C or better. Proof of completion of prerequisite required: Copy of transcript.

Text:


One 50 min midterm 45
Final 45
Homework 10
Total: 100%

Plus/Minus Grading System will be used for final

Course Content:

Kinetics of a particle; central force motion; systems of particles; work and energy; impulse and momentum; moments and products of inertia; Euler's equations of motion; vibration and time response; engineering applications.

Attendance Policy:
Students are allowed to be absent not more than 1 class by showing proof.

Course Outcomes:
1. Understand basic principles of kinetics and kinematics.
2. Ability to apply the approaches to real world engineering.
3. Derive equations of motions using both Newton and Moment equations.

If you are a student with a disability and believe you will need accommodations for this class, it is your responsibility to contact Student Disability Services at (619) 594-6473. To avoid any delay in the receipt of your accommodations, you should contact Student Disability Services as soon as possible. Please note that accommodations are not retroactive, and that accommodations based upon disability cannot be provided until you have presented your instructor with an accommodation letter from Student Disability Services. Your cooperation is appreciated.