

4th Quarter

End-of-Year Assignments

Labs

1. Chapter 8: 2D Collisions (Full Lab Report)
2. Chapter 14: Periodic Motion (Soft Lab)
Student Choice > Mass-Spring OR Pendulum
Soft lab report involves conducting the lab experiment, collecting and recording data and answering the lab questions. No formal report is required.
3. Rotational Kinematics and Dynamics
Labs for these topics were presented by instructor as class demos. Students will receive credit for their active participation as either a volunteer or for their input and observation analysis during the demo discussion.

Concept Apps

1. Chp 7: Potential Energy and Energy Conservation
2. Chp 8: Impulse-Momentum
3. Chp 14: Periodic Motion

Tests/Retest

1. Chapter 7: Potential Energy and Energy Conservation (Retest)
2. Chapter 8: Impulse, Momentum and Collisions (Test and Retest)
3. Chapter 14: Periodic Motion
Student Choice > Chapter 8 OR Chapter 14
4. Chapters 9 and 10: Rotational Kinematics and Dynamics (No Retest!)
Partner Teams! (Two per team chosen by lottery)

Final PowerPoint Project

- Project requirements per rubric.
- Presentation dates as scheduled.