

PHYSICS 160 READING ASSIGNMENT FOR MARCH 18 SECTIONS 6.5, 7.1, 7.3, AND THEN 7.1

Please notice that this file is two pages long.

6.5 - Power

- I didn't get to this before spring break, so I'll post it again.
- Power, P - the rate at which work is done.
- Unit of power = Joule per second = Watt.

7.1 - Gravitational Potential Energy

- I do things in a slightly different order than the textbook, so start here and read about the definition of potential energy, but then go and read section 7.3.

7.3 - Conservative and Nonconservative Forces

- Conservative versus nonconservative forces.
- Conservative forces create potential energy.

- Potential Energy, U - Energy that can be converted into kinetic energy at a later time.

7.1 - Gravitational Potential Energy

- Gravitational Potential Energy, U_g - Potential energy due to gravity. Depends only the object's height above the ground.