

PHYSICS 160 READING ASSIGNMENT FOR MARCH 20 SECTIONS 7.1, 6.3, 7.2

7.1 - Gravitational Potential Energy

- Gravitational Potential Energy, U_g - Potential energy due to gravity. Depends only the object's height above the ground.
- Check out the many examples and notice the situations where the gravitational potential energy can be used.

6.3 - Work and Energy with Varying Forces

- You don't need to re-read this entire section. Just the parts having to do with Hooke's Law.
- Hooke's Law - The force needed to stretch a spring increases linearly with stretching distance.

7.2 - Elastic Potential energy

- Elastic Potential Energy - Energy due to a Hooke's-Law obeying spring.