

READING ASSIGNMENT FOR OCTOBER 23

SECTIONS 10.4, AND 10.6

10.4 Potential Energy

- I know you've already read this, but you should look at it again paying special attention the equation for the gravitational potential energy.
- $U_g = mgy$ - the gravitational potential energy depends on the object's height above the ground.

10.6 - Using the Law of Conservation of Energy

- For this class, I would actually encourage you to *skip* the first paragraph. The equation there is where we will end up after doing many different particular types of examples, so save it for later.
- This time read and pay attention to Examples 10.9 and 10.10. They are good gravitational potential energy examples.