

Work

Work: $W = F_{\parallel} \Delta d$

$$W = F \Delta d \cos \theta$$

$W =$ area under
a $F \cdot d$ graph.

Kinetic Energy

$$E_k = \frac{1}{2} m v^2$$

$$W = \Delta E_k \quad (\text{Work-Energy Theorem})$$

TODO: PP / §6-1 and §6-2

Lab

Assignment.