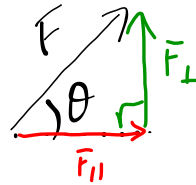


Work

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

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

$W =$  area under a  $F-d$  graph



$\Delta d \rightarrow$

$$\cos \theta = \frac{\text{adj}}{\text{hyp}}$$

$$\cos \theta = \frac{F_{\parallel}}{F}$$

$$F_{\parallel} = F \cos \theta$$

TO DO

① PP/221

② PP/225

③ PP/229/11

& PP/235

} HW Probe  $\rightarrow$  Wed (May 10)

④ IMP-mom LAB - Wed (May 17)

⑤ Assignment p275/15-22 - Tues (May 16)

Note about #15:

- a) Draw a FBD and label the forces.
- b) Say what force(s) does + work ?  
     or no work - work ?  
     no work ?

