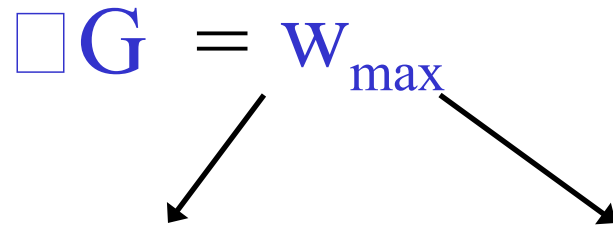


# Electrochemistry

$$\square G = W_{\max}$$


$$w = - P_{\text{ext}} \square V$$

Mechanical work

$$w = - n F \square$$

Electrical work

$n$  = # moles  $e^-$

$F$  = charge on 1 mol  $e^-$

$\square$  = electrical potential