

March 6th

$$W = \int \vec{F}_{\text{NET}} \cdot d\vec{s} = \Delta K$$



\vec{F}_{NET} = total of forces acting on system
forces can be conservative or nonconservative.

$$W = W_c + W_{nc} = \Delta K$$

Watt: $1 \text{ J/s} = 1 \text{ W}$