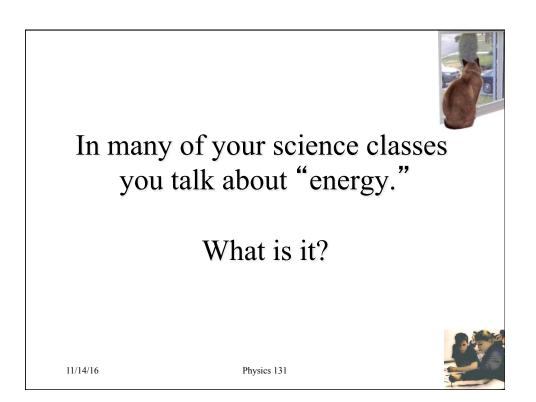
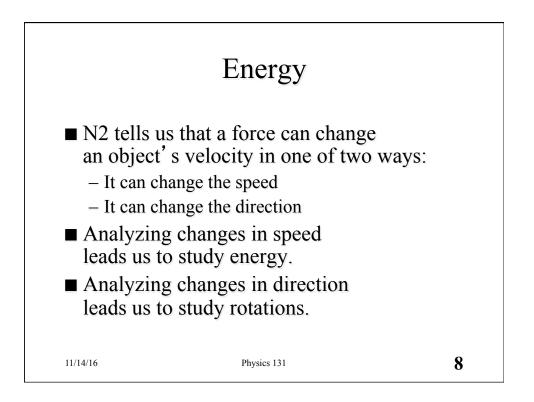
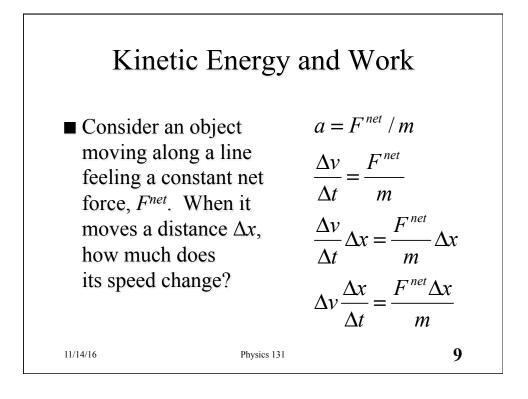


$$\vec{F}^{net} \cdot \Delta \vec{r} = \Delta \left(\frac{1}{2} mv^2\right)$$







$$\Delta v \frac{\Delta x}{\Delta t} = \frac{F^{net} \Delta x}{m}$$

$$\langle v \rangle \Delta v = \frac{F^{net} \Delta x}{m}$$

$$\frac{v_i + v_f}{2} (v_f - v_i) = \frac{F^{net} \Delta x}{m}$$

$$\frac{1}{2} (v_f^2 - v_i^2) = \frac{F^{net} \Delta x}{m}$$

$$\frac{1}{2} m (v_f^2 - v_i^2) = F^{net} \Delta x$$

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