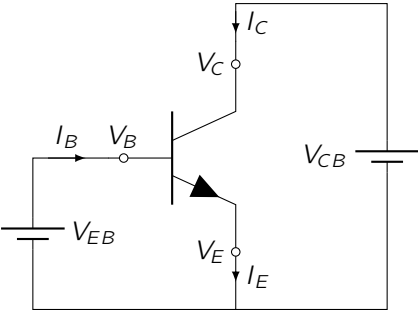


## *npn* BJT in Active Mode



$$V_B > V_E$$

$$V_C > V_B$$

$$V_C > V_E$$

$$I_C = \beta I_B$$

$$I_E = I_B + I_C$$