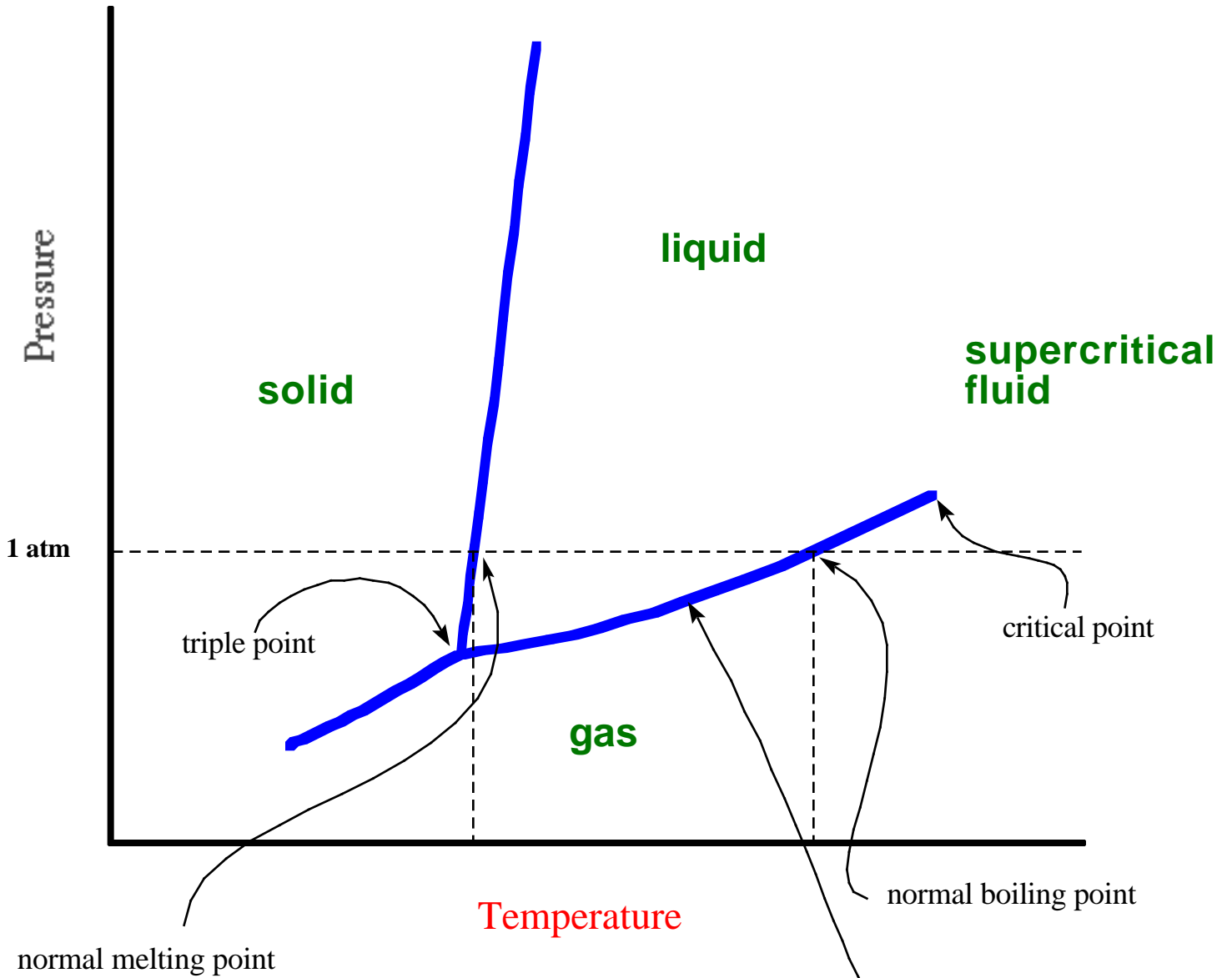


SIMPLE ONE COMPONENT PHASE DIAGRAMS



liquid \rightleftharpoons vapor equilibrium
(vapor pressure)

Clausius-Clapeyron Equation

$$\ln \frac{VP_2}{VP_1} = \frac{H_{\text{vaporization}}}{R} \left(\frac{1}{T_1} - \frac{1}{T_2} \right)$$