

Assignment # 2

For pure water (H_2O), draw to scale:

- a. The relation between the latent heat of vaporization (h_{fg}) and the temperature ($T_{\text{sat.}}$) on ($T - h$) diagram (take T the vertical axis and h is the horizontal).
- b. The relation between the specific volume of a saturated mixture (v_m) with quality of 0.5 and the temperature ($T_{\text{sat.}}$) on ($T - v$) diagram (take T the vertical axis and v is the horizontal).

Use ten points at least to draw the relation in a & b. You may use the temperature reference at (0, 40, 80, 120, 160, 200, 240, 280, 320, 374)

Due on December 2 - 3, 2014