

Team Flow

Learning Objectives Following Bloom's Taxonomy

Remember:

Define specific heat.

Understand:

Locate the properties of R-134a at P_1 and h_1 from the property table.

*The next one I am just including because I am curious if it would fall under understand or under apply?
The verb fits understand, but it seems somewhat like an application?*

Draw the P-v diagram for a process that goes from state 1 (P_1, v_1) to state 2 (P_2, h_2) and include the saturation curve.

[How does entropy change when water freezes to ice?](#)

Example: <http://www.4college.co.uk/a/O/entsurr.php>

Apply:

Calculate changes in internal energy and enthalpy for ideal gases using both tables and average specific heats.

Create:

Propose an experimental design and method of analysis to determine thermodynamic properties of fluids using common laboratory equipment.