

Lecture 2: 09.12.05 Fundamental concepts continued

Today:

LAST TIME	2
THERMODYNAMIC VARIABLES, SYSTEMS, AND FUNCTIONS	3
<i>Thermodynamic Variables</i>	3
<i>The constituents of materials: components and phases.</i>	4
<i>Thermodynamic systems</i>	8
IDENTIFICATION OF PROCESSES	10
<i>Types of processes</i>	10
REVERSIBLE AND IRREVERSIBLE PROCESSES	11
<i>Reversible Processes</i>	11
<i>Irreversible processes</i>	12
REFERENCES	13

Reading:

Engel and Reid: 1.4, 2.1, 2.2, 2.3

ANNOUNCEMENTS : - PS 1 POSTED : DUE NEXT TUES. 9/20
(REMINDERS) - 3.014 : ONLINE SAFETY TRAINING