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Thermodynamics is the branch of science that describes the basic laws and principles governing the processes of transfer and transformation of energy along with the changes in properties of the substances affected by such processes. The laws are formulated from observations in nature.

Laws of Thermodynamics - Course

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Lec 1: Overview of thermodynamic system & state

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2.1 INTRODUCTION 2.1.1 The concept of a fluid A fluid is a substance in which the constituent molecules are free to move relative to each other. Conversely, in a solid, the relative positions of molecules remain essentially fixed under non-destructive conditions of temperature and pressure. While these definitions classify matter into fluids