

PY 323 : Thermodynamics

This course covers the fundamental concepts of temperature, work, and heat. Specific topics include the Laws of Thermodynamics, gas laws, entropy, conditions of equilibrium, gas cycles, the Maxwell relations, chemical potential and equilibrium, Gibbs' phase rule, Clapeyron-Clausius equation, kinetic-molecular theory, and the Maxwell-Boltzmann distribution. This course does not include a lab period.

Credits 4.0

Prerequisites

[CH 110](#), PY 201 and [MA 223](#)

Semester Offered

Offered spring semester of even years

Notes

(See [CH 323](#).)