

PHYS 232. HEAT AND WAVES.

Credits: 3

Offered by: Physics (Faculty of Science)

Terms offered: Winter 2026

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Description

The laws of thermodynamics and their consequences.

Thermodynamics of P-V-T systems and simple heat engines. Free, driven, and damped harmonic oscillators. Coupled systems and normal modes. Fourier methods. Wave motion and dispersion. The wave equation.

- Winter
- 3 hours lectures
- Prerequisites: CEGEP Physics or PHYS 142, and CEGEP chemistry or CHEM 120, and PHYS 230.
- Restriction: Not open to students taking or having passed PHYS 253

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