

Thermodynamics



Component
École Nationale
Supérieure
d'Électrotechnique
d'Électronique

In brief

- **Ametys Code:** N5AM03A
- **Open to exchange students:** No

Presentation

Objectives

Learn to use the first two principles of thermodynamics to carry out energy balances on conventional installations (turbines, compressors, boilers, refrigeration machines, motors, etc.).

Description

This course covers the basics of classical thermodynamics, including the first two principles, equation-of-state formulations and the use of thermodynamic potentials, simple models of single-component systems, phase changes and moist air.

Translated with DeepL.com (free version)