

Energy optimization of thermodynamic steam cycles



Component
École Nationale
Supérieure
d'Électrotechnique
d'Électronique

In brief

- **Ametys Code:** M4R9X9AJ
- **Open to exchange students:** No

Presentation

Description

- The course on Liquid-vapour thermodynamic cycle deals with the optimisation of energetic processes used to produce power (power cycles) or to transfer heat (refrigeration cycles and heat pump cycles).
- Cogeneration and heat recovery cycles will also be analyzed in the perspective of efficiency increase and energetic transition.
- The software thermoptim will be used to design and optimise complex cycles.