Course: Energy generation

credits: 5

Course code	WBVB24EOP
Name	Energy generation
Study year	2026-2027
ECTS credits	5
Language	English
Coordinator	G. Overweg
Modes of delivery	Education
Assessments	Energy generation - Written, organised by STAD examinations

Learning outcomes

De student,

- applies mass and energy balances to heat or cold generating installations.
- draws the process of heat or cold generation in a diagram (such as log p-h, T-s and H-s)
- calculates a heat or cold generation process with regard to temperatures, pressures and efficiencies.
- determines the effect of changing process parameters (such as temperature, pressure & flow) on the performance of the installation.
- selects a heat or cold source based on desired power and efficiency.

Content

Included in programme(s)

Mechanical Engineering

School(s)

Engineering, Life Sciences & ICT

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