

Applied Energy Engineering

Programme course

6 credits

Tillämpad energiteknik

TMMV57

Valid from: 2017 Autumn semester

Determined by

Board of Studies for Industrial Engineering
and Logistics

Date determined

Main field of study

Energy and Environmental Engineering, Mechanical Engineering

Course level

First cycle

Advancement level

G2X

Course offered for

- Industrial Engineering and Management, M Sc in Engineering
- Industrial Engineering and Management - International, M Sc in Engineering

Entry requirements

Note: Admission requirements for non-programme students usually also include admission requirements for the programme and threshold requirements for progression within the programme, or corresponding.

Prerequisites

Engineering Thermodynamics, Fluid Mechanics and Heat Transfer

Examination

UPG1	Assignment	U, 3, 4, 5	3 credits
UPG2	Assignment	U, 3, 4, 5	3 credits

Grades

Four-grade scale, LiU, U, 3, 4, 5

Other information

Supplementary courses:

Heat transfer, Computational Fluid Dynamics, Computational Fluid Mechanics, advanced course, Aero Dynamics, Fluid Mechanics.

Department

Institutionen för ekonomisk och industriell utveckling

Director of Studies or equivalent

Roland Gårdhagen

Examiner

Joakim Wren

Education components

Preliminary scheduled hours: 34 h

Recommended self-study hours: 126 h

Course literature

Cengel, Cimbala and Turner: "Fundamentals of Thermal-Fluid Sciences", 4:e utgåvan.
Kompletterande uppgiftsspecifikt material.