

# Energy Engineering - Bachelor Project

Programme course

18 credits

Kandidatprojekt energiteknik

TMMV16

Valid from:

**Determined by**

Board of Studies for Industrial Engineering  
and Logistics

**Date determined**

## Main field of study

Mechanical Engineering, Engineering

## Course level

First cycle

## Advancement level

G2X

## Course offered for

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

## Examination

UPG1	Written report and presentation	U, G	15 credits
UPG2	Opposition and reflection report	U, G	1 credits
UPG3	Seminars and approved methodology assignment	U, G	2 credits

Grades are given as 'Fail' or 'Pass'.

## Grades

,

## Department

Institutionen för ekonomisk och industriell utveckling

## Director of Studies or equivalent

Johan Renner

## Examiner

Joakim Wren

## Course website and other links

<http://www.iei.liu.se/mvs/utbildning/grundkurser/tmmv16?l=sv>

## Education components

Preliminär schemalagd tid: 80 h

Rekommenderad självstudietid: 400 h

## Course literature

Förslag på generell kurslitteratur:

Godfrey Boyle, Bob Everett, Janet Ramage (eds.), 2003, Energy Systems and Sustainability, Oxford University Press, USA, ISBN-10: 0199261792, ISBN-13: 978-0199261796

Paul Gipe, 1999, Wind Energy Basics: A Guide to Small and Micro Wind Systems, Chelsea Green Publishing Company.

Mukund R. Patel. 2005, Wind and Solar Power Systems: Design, Analysis, and Operation, CRC Press.