



# ME2077 Developing Energy Business 6.0 credits

## Utveckling av energiaffärer

This is a translation of the Swedish, legally binding, course syllabus.

If the course is discontinued, students may request to be examined during the following two academic years

## Establishment

Course syllabus for ME2077 valid from Autumn 2012

## Grading scale

A, B, C, D, E, FX, F

## Education cycle

Second cycle

## Main field of study

Industrial Management

## Specific prerequisites

- a) 180 hp
- b) 12 hp in industrial economics and management
- c) 12 hp in an energy field (e.g. energy technology, energy processes, electrical power systems).

## Language of instruction

The language of instruction is specified in the course offering information in the course catalogue.

## Intended learning outcomes

After successful completion of this course the participant shall have:

- Theoretical and empirical knowledge about the basic characteristics and ongoing changes of the energy system, in space (internationally, nationally, locally) as well as in time (moment, day, year, epochs).
- Theoretical and empirical knowledge about different forms of business based on different parts on the energy value chain, both core and support processes, including energy services, energy carriers, customer categories, geographical markets, financial instruments and so on.
- Theoretical and empirical knowledge about how energy business is organized in companies, cooperatives, public authorities and other organisations, the character and changes of companies etc, the role of private and public actors, the range from small local cooperatives to giant international companies.
- Theoretical knowledge about how business models are developed and implemented and practical experience from developing a business plan for an established or a new energy business.

## Course contents

The main focus of the course is how the interplay between on the one hand the characteristics and changes of the energy system and on the other hand energy actors create business opportunities, how these can be identified and developed to new business.

## Course literature

Artiklar, böcker, rapporter, arbetspapper etc, minst 1000 sidor (specificeras senare).

## Examination

- PRO1 - Project, 1.0 credits, grading scale: P, F
- TEN1 - Examination, 5.0 credits, grading scale: A, B, C, D, E, FX, F

Based on recommendation from KTH's coordinator for disabilities, the examiner will decide how to adapt an examination for students with documented disability.

The examiner may apply another examination format when re-examining individual students.

## Other requirements for final grade

Written examination. A smaller and a bigger course project. Active participation in lectures and seminars. Presentation of two course projects and participation in study visits is obligatory.

## Ethical approach

- All members of a group are responsible for the group's work.
- In any assessment, every student shall honestly disclose any help received and sources used.
- In an oral assessment, every student shall be able to present and answer questions about the entire assignment and solution.