



## Course syllabus

Faculty of Technology

Department of Built Environment and Energy Technology

4BT307 Projektarbete - Teknikbedömning, 15 högskolepoäng

Project Work - Technology assessment, 15 credits

### Main field of study

Technology

### Subject Group

Energy Technology

### Level of classification

Second Level

### Progression

A1N

### Date of Ratification

Approved by Faculty of Technology 2015-05-19

The course syllabus is valid from spring semester 2016

### Prerequisites

90 credits in Energy Technology, Chemical Engineering or Mechanical Engineering including Environmental Technology/Environmental Chemistry at least 7.5 hp, Physics 7,5 hp, Thermodynamics 7,5 hp Energy Technology 15 hp, Mathematics 22,5 hp.

## Objectives

After completing the course the students are expected to be able to:

- apply knowledge about suitable technologies to utilise biomass for energy as acquired during studies on advanced level
- plan and carry through a major project concerning energy system planning
- write a scientific report according to the

academic/technical report-writing model

- present their projects orally
- opposing on other degree projects

## Content

The course comprises the following elements:

- problem formulation, analysis, methods, results
- presentation, report-writing
- oral presentation
- opposing at the presentation of another project work

## Type of Instruction

The teaching comprises

- teacher-led supervision
- literature studies

## Examination

The course is assessed with the grades A, B, C, D, E, Fx or F.

The examination is based on:

- the presentation of the student's own project work
- the performance as opponent of another project work

The grade A constitutes the highest grade on the scale and the remaining grades follow in descending order where the grade E is the lowest grade on the scale that will result in a pass. The grade F means that the student's performance is assessed as fail (i.e. received the grade F).

## Course Evaluation

During the course or in close connection to the course, a course evaluation is to be carried out. The result and analysis of the course evaluation are to be communicated to the students who have taken the course and to the students who are to participate in the course the next time it is offered. The course evaluation is carried out anonymously. The compiled report will be filed at the Faculty.

## Credit Overlap

The course cannot be included in a degree along with the following course/courses of which the content fully, or partly, corresponds to the content of this course:4BT007

## Other

Certain elements of the course may entail costs which will have to be defrayed by the course participant.

Grade criteria for the A–F scale are communicated to the student through a special document. The student is to be informed about the grade criteria for the course by the start of the course at the latest.

## Required Reading and Additional Study Material

### **Required reading**

Literature is selected after discussion with supervisor.