



## Course syllabus

Faculty of Technology

Department of Built Environment and Energy Technology

2BT04E Examensarbete i Bioenergiteknik, 15 högskolepoäng

Degree Project, 15 credits

**Main field of study**

Bioenergy Technology

**Subject Group**

Energy Technology

**Level of classification**

First Level

**Progression**

G2E

**Date of Ratification**

Approved by Faculty of Technology 2014-10-03

The course syllabus is valid from autumn semester 2015

**Prerequisites**

At least 60 HEC in energy technology, chemical engineering or mechanical engineering.

### Objectives

After completing the course the students are expected to:

- get proficiency in working with a project independently,
- be able to apply the knowledge acquired during the time of study,
- get skills in defining a problem and split it into smaller clear parts,
- be able in accomplishing an investigation either experimental or in the form of a mathematical/empirical model. The results should be analyzed and presented,
- get good skill to present both in writing and orally.

be able to give constructive criticism on similar works.

### Content

- Motive: Background and aim of the work
- Course of action: literature study, measuring methods, data collection,
- Implementation and analyses of results, conclusions
- Presentation of the work orally and in a written report
- The students should also act as opponents for a presentation of a diploma work at advanced level.

### Type of Instruction

The work is performed under supervision of a teacher.

## Examination

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

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).

The examination is based on:

- the presentation of the student's own degree project
- being the critic of another degree project
- submitted projects in print to the department as well as in digital form to the university library website.

## Course Evaluation

A course evaluation will be carried out and compiled after the course is completed. The compilation will be presented to the current board as well as to the students and filed.

## 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: 2BT01E Degree Project, 15 hec

## Other

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

Literature is chosen in consultation with supervisor.