



Course syllabus

Faculty of Technology

Department of Built Environment and Energy Technology

2BT05E Examensarbete i Bioenergiteknik, 30 högskolepoäng

Degree Project, 30 credits

Main field of study

Bioenergy Technology

Subject Group

Bio Engineering

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

This course cannot be part of a degree in combination with another course in which the content fully or partly correspond to the content of this course: 2BT03E Degree Project, 30 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

Required reading

Literature is chosen in consultation with supervisor.