



Procedure for the Project Examination for Students on the Energy Study Programme

This procedure is based on the project examination and the document "About the Project Examination - Guidelines for Students, Supervisors, Examiners and Adjudicators under The Faculty of Engineering and Science, Aalborg University".

Stages of Project Examination

1. Presentation

The examination starts with a presentation where each student presents one or more central elements of the project or puts them in perspective with the project. The individual presentation should complement each other so the total group presentation appears as a whole. However, responsibility for the individual presentation rests upon the individual student. For the presentation the following applies:

Semester projects:

- 6 to 10 minutes per student for 5 - 10 ECTS projects
- 6 to 10 minutes per student for 15 - 30 ECTS projects in groups
- 15 minutes per student for individual projects of 15 - 30 ECTS

Final projects (undergraduate, bachelor of engineering and postgraduate):

- 6 – 10 minutes per student for BSc projects of 15 ECTS in groups (This also applies for exchange students)
- 20 minutes per student for projects of 15 - 50 ECTS (This also applies for MSc and BE students and BSc students as a one-person group. This also applies for exchange students on 10th semester with external examination.

As the presentation is part of the examination, students may get questions to the presentation, but it is recommended that these questions are primarily of a clarifying nature and that they are asked only after the entire group has presented.

Comments to an individual presentation can also be given after the total presentation.

If needed, 10 minutes (in total) may be allotted to clarify the questions and comments after the presentation.

2. Examination

The examination consists of one or more *open discussion sessions* and one or more *individually oriented question sessions*. The purpose of this division is to ensure a consistent examination of the project group members.

Since the course of the examination may typically be based on a chronological review of the project report, the examination will thus typically change several times between the *open discussion sessions* and the *individually oriented question sessions*.

Students, the examiner and the adjudicator are present throughout the examination process.



2.1 Open Discussion Sessions:

In *open discussion sessions* the project group is asked as a whole about the problem formulation, the selected methods, strengths and limitations, perspectives and similar; which are the competencies and skills that are needed in this particular project. The whole group is addressed together, and the examiner and the adjudicator assess who will contribute, and how good the contributions are. There is also the possibility that individual students add to each other's contributions. The questions here may be open-ended, i.e. they are not necessarily of the type where examiner and adjudicator know the answers.

2.2. Individually Oriented Question Sessions:

During *individually oriented question sessions* the individual student is asked detailed questions to determine his/her knowledge and skills.

During the *individually oriented question sessions* the examiner specifies the student who is going to answer the question. The examiner may choose to let the other students help with answers if the student, who was initially questioned, responds inadequately.

This is an "excavation of knowledge" for the individual student. It is to be examined here, how well the individual student can explain the theories and methods and techniques that have been used in the project.

Total time consumption for sections 2.1 and 2.2.

Semester projects:

- 20 minutes per student for 5 - 10 ECTS projects
- 25 minutes per student for individual projects of 15 - 30 ECTS
- 30 minutes per student for 15 - 30 ECTS projects in groups

Final projects (undergraduate, bachelor of engineering and postgraduate):

- 35 minutes per student for projects of 15 - 50 ECTS (This also applies for exchange students on 10th semester with external examination)
- 45 minutes per student for BSc project of 15 ECTS in groups and for exchange students in the groups, if any

Total maximum time consumption for the entire examination process

Semester projects:

- 35 minutes per student for projects of 5 - 10 ECTS
- 45 minutes for individual projects of 15 - 30 ECTS
- 4 hours for 5 - 10 ECTS projects in groups
- 45 minutes per student, however maximum of 5 hours for 15 - 20 ECTS projects in groups

Final projects (undergraduate, bachelor of engineering and postgraduate):

- 1 hour per student for projects of 15 - 50 ECTS

Hereof approx. 5 minutes per student for the grading process.

3. Completion of Examination

Once the assessment is made, each individual student is told his/her grade. The student has the right to be told his/her grade and the reasoning for it in private. Subsequently, the entire project group receives a joint feedback from the examiner and the adjudicator on the project report, the presentation and the rest of the examination process.



AALBORG UNIVERSITY
DENMARK

The Faculty of Engineering and Science has made a film regarding the project examination. You can find it here: <http://youtu.be/-uhQMY07Cw8>