

Evaluation report Aerodynamics and Laboratory Projects

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The evaluation committee has evaluated the course Aerodynamics and Laboratory Projects by sending an online questionnaire to 70 students. 19 students filled in the questionnaire, which gives a response of 27%.

The course Aerodynamics and Laboratory Projects scores good grades in general. The overall appreciation is marked with a 3.8, which is amply sufficient for a master course. Students found the course relevant and are happy with the organization. The study material scores very good as well as the aspects regarding the practical. Lower graded aspects are related to the lectures. Students do not think the sheets were used optimally and the requirements for the exam could have been clearer. The grades, however, are generally favourable.

A broad range of students has followed this course. Many are following a Bachelor or Master in Mechanical Engineering, but also students Applied Mathematics, Industrial Design and Technical Business Administration have attended this course. About two thirds of the respondents was happy with the scheduled time for the course, the remainder thought it was not enough. The tempo of the lectures was considered well by around half of the respondents, the other half thought the lectures went too fast. A recurring remark is given about the lectures. Students think the sheets were not clear sometimes, mostly due to handwritten parts in the sheets.

Apart from some details, this course seems to be pretty good, which is reflected in the grades.

These are the main conclusions of the evaluation. The interpretation is based on the remarks of the respondents. For an overview of the results, see the graph at the end of this report.

Recommendations of previous evaluation

No previous report was found. It is therefore not possible to state the recommendations of the last evaluation.

Recommendations by the committee

The quality of the course can be improved. Based on the results of the questionnaire, some recommendations for improvement are provided. The most important recommendations are:

- Update the lecture sheets. They will probably be greatly improved by working out the handwritten parts on the computer.

Overview

- All marks are given on a Likert-scale from 1-5. For master courses, a mark of 3.5 or higher is sufficient.
- The height of the bars in the graph represents the mark. The thin line at the top of the bars gives the standard deviation.

Explanation of marks

- Total 'first impression rating' is the mark given to the question: Overall appreciation.
- Ability to study is the average point of the marks given to the part of study material.
- Relevancy is the mark given to the question: Relevancy of the course.
- Quality of education is the average point of the marks given to the parts "lectures" and "practices".
- Coordination / Planning is the average point of the marks of "Adequate Information on Blackboard" and "Teacher available for questions".
- Examination / Assignments is the average point of the marks given to the Examination /Final Assignment part.
- Average is the mean of all given marks.

Marks	
First impression rating	3.8
Ability to study	3.9
Relevance	3.9
Quality of education	3.5
Coordination / planning	3.9
Examination / Assignments	3.6
Average	3.7

