

Evaluation report Thermodynamics and Flowsheeting

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The evaluation committee has evaluated the course Thermodynamics and Flowsheeting by sending an online questionnaire to 30 students. 10 students filled in the questionnaire, which gives a response of 33%.

According to the marks, this course is considered to be very good. The overall appreciation scores a 4.2. Except for one, all marks score above a 4.0. The best graded aspects are 'the subject became clear during the lecture' and 'the use of black- or whiteboard and sheets was good'. These aspects are graded with a 4.8. The worst grade is given for the suitability for self-study, but this aspect still scores a 3.8. Although the response on the questionnaire was limited, the respondents seem very satisfied with the quality of the course.

The course is attended by students of all sorts of studies. About half of the students are following a Master in Mechanical Engineering, the remainder studies Chemical Engineering, Sustainable Energy and Technology or a separate course in Process Technology. Almost all the respondents think the amount of time scheduled for the course is sufficient and everyone considers the tempo of the lectures to be good.

Although the response on the questionnaire is small, it is clear that this course is very good. Our compliments to the lecturers!

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:

- Because of the little response and the very positive grades, it is not possible to formulate recommendations.

Response lecturer

Concerning the self study:

The course consists of two parts. Theory and practice. The theory part is mainly based on the presentations and some handouts. Reading this will not cover all what is discussed during the lectures. I will try to find some additional reading material. The practical part, working with a flowsheet, is now much easier since the availability of the 'onderwijs server' for the software and the manuals. This is a very good initiative!

In general, I am very pleased with the evaluation and hope to continue on this level for the future!

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	4.2
Ability to study	4.0
Relevance	4.1
Quality of education	4.7
Coordination / planning	4.5
Examination / Assignments	4.4
Average	4.4

