

Evaluation report: Numerical Methods in Mechanical Eng.– 2013/2014

Course code: 191157710

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The evaluation committee has evaluated the course Numerical Methods in Mechanical Eng. by sending an online questionnaire to 131 students. 29 students filled in the questionnaire, which gives a response of 22%.

This course scores an average of 3.9 which is sufficient for a master course (3.5). Students think the learning outcome of this course is very relevant (4.4). More than half of the students remarked that the scheduled time for this course was not sufficient. Also the lectures were not always sufficient to understand the theory and it was unclear if there were lecture notes provided afterwards.

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 last 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:

- Add to the course description in OSIRIS that the course is divided over the whole semester.
- Make it clear if lecture notes will be provided.
- This course is too long, an option is to divide it in 2 courses.

Remarkable Facts:

- 15 out of 29 students say that the scheduled time for this course was not sufficient.
- 20 students say that the tempo of the lectures was good.
- The lectures given by Loendersloot were difficult to follow

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.

| Marks | |
|---------------------------|-----|
| First impression rating | 3.7 |
| Ability to study | 3.6 |
| Relevancy | 4.4 |
| Quality of education | 3.7 |
| Coordination / planning | 4.3 |
| Examination / Assignments | 3.9 |
| Average | 3.9 |

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.

