

# Evaluation report Manufacturing Facility Design

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dr. ir. S. Hoekstra

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*The evaluation committee has evaluated the course Manufacturing Facility Design by sending an online questionnaire to 63 students. 16 students filled in the questionnaire, which gives a response of 25%. According to [1] for this number of students a response rate of 31% is required for adequate results. Hence, the outcome of this report can't be totally considered as representative.*

The course Manufacturing Facility Design scores an average mark of 3.4, which is just insufficient for a master course. Students found the course interesting (4.0) and relevant for their academic development (3.7). All the questions about the examination score sufficient as well. However, one student complains about the time needed for the assignments while they only made up 20% of the total mark.

The lowest mark is given for the statement 'During the lectures, the subject became clear to me' with a 2.7. In the comments student state that in some lectures the lecturer simply read from the slide. They would prefer some more clear examples or applications of the subjects.

The quality of the study material also scores insufficient with a 2.7. They seem to contain some errors or conflicted with the slides or other study material. Because of the high amount of study material students lost the overview. Some PDFs were unreadable. One students mention some more tutorials could have a positive influence on the course.

Just like last year, the course scores just insufficient. Unfortunately, there was still a few complaints about dr. ir. Hoekstra's English. This is the same for the high amount of different study materials. On the other side, no comments were made about the outdated slides this year.

*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

The last evaluation was in 2015-2016 and scored a 3.4.

- Dr. ir. Hoekstra should improve his English
- Refresh the lecture sheets.
- Reduce the amount of different study materials.

## 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:

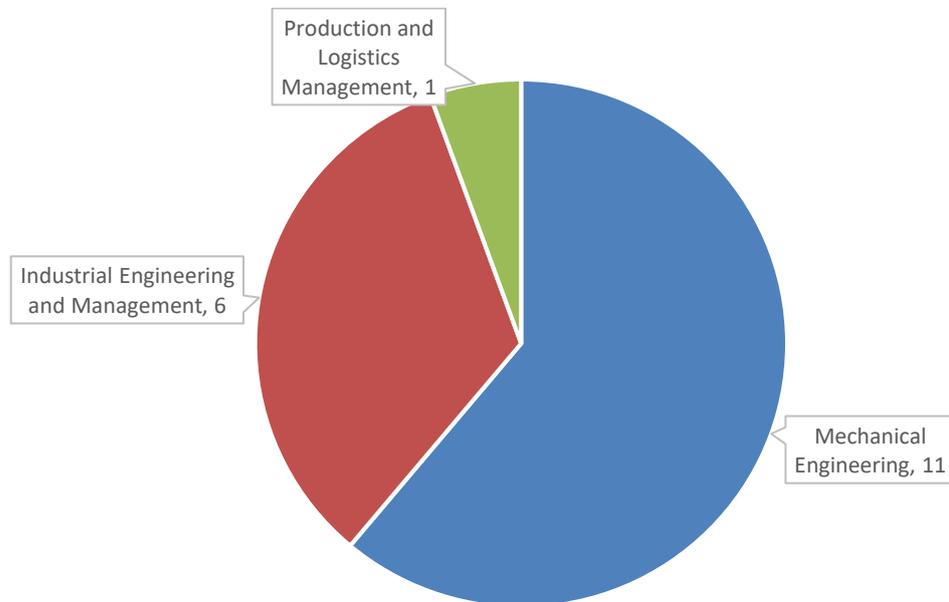
- Dr. ir. Hoekstra should improve his English.

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<sup>1</sup> Nulty, D.D. (2008). The adequacy of response rates to online and paper surveys: What can be done? *Assessment & Evaluation in Higher Education*, 33, 301-314.

- Reduce the amount of different study material.
- Improve the lectures. Students would like to learn more from the lectures, less reading from the slides and more examples and applications can help the lectures a lot.

## Composition of respondents



## 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.

