

# Evaluation report Biomechatronics 2014/2015

---

201200133

dr.ir. A. Stienen

---

*The evaluation committee has evaluated the course Biomechatronics by sending an online questionnaire to 34 students. 11 students filled in the questionnaire, which gives a response of 32%.*

The course Biomechatronics is graded with a 3.5, which is sufficient for a master course. The learning outcome is considered relevant and respondents think the content of the course is very interesting. The information about the course was adequate and the mark for the availability of the teacher is high. Aspects regarding the lectures score sufficient and so does the quality of the study material. Respondents do not think the requirements for the exam were clear and thus this aspect is insufficient. The exam was however well related to the major subject of the course and the questions were considered clear.

Respondents remark that the course lacked a common theme: the information was not clearly connected. It is stated that many examples were given, but the fundamental themes like sensor and control were underexposed. The fact that the study material consisted of several papers and sheets, and not a comprehensive book or reader, made it even harder to properly study for the course. Finally, the respondents indicate the open-book exam took too long to finish in the provided time.

*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:

- Formulate clear learning objectives and adapt the course to it.
- Teach more fundamentals instead of focussing on many examples.
- Make sure the exam can be finished within the provided time.

## **Response lecturer**

We were already planning on making significant changes in the course, including the exam itself. This evaluation will therefore be very useful.

## 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.

---

<b>Marks</b>	
First impression rating	<b>3.5</b>
Ability to study	<b>3.3</b>
Relevance	<b>3.3</b>
Quality of education	<b>3.8</b>
Coordination / planning	<b>3.8</b>
Examination / Assignments	<b>3.1</b>
Average	<b>3.5</b>

