Course Analysis MF2076

Machine Design advanced course part 1
VT2021

Date and author: [2021-12-06 by Kjell Andersson

Course information
Data from the Course Syllabus

Course responsible teacher:

Kjell Andersson

Other teachers in the course:

Stefan Björklund, Anna Hedlund Åstrand

Examiner:

Kjell Andersson

Learning activities:

Lectures
Seminars
Home Assignments
Project work

Additional Comments

1   Students' view of the course

Summary of students´ view of the course based on for example LEQ survey and/or interviews or other activities.

Response rate of LEQ course evaluation survey:

29%

Brief summary of students' responses from the LEQ survey and/or other types of course evaluation:

Students like to work in projects with a real problem and in close cooperation with an industrial company.

Additional Comments

In addition to the LEQ survey we have performed individual meetings with each student during the course.

2   Teacher analysis of the course

The analysis should present the development of the quality of the course as well as measures that have been taken after previous course analysis. The course's strengths and weaknesses based on the course evaluation and the teacher's reflection.

Changes of the course before this course offering:

No changes from previous course occasion

The course's strengths

The main strength of the course is that a real problem is used and the stakeholder is either a company or a research group at KTH. Most student are also reporting a positive experience of the course content and the execution of the course.

Areas for improvement of the course:

One common comment is that the given home assignments are good but these are taking time from the project work which many students want to prioritize. Another comment to mention is that the written exam in the end of the course is not so popular and many students find it hard to know how to prepare for that exam.

Proposed changes to the next course round:

For the coming year we plan to introduce some changes. In short we have adjusted the course cgoals and added a goal related to JML issues. In addition we have replaced the written exam with a pass/fail digital quiz type exam.

Additional Comments