Course Analysis [Course-code MF2007]

[Dynamics & Motion Control]
[HT21]

Date and author: [2022-04-05 by Lei Feng]

1 Course information

Data from the Course Syllabus

Course responsible teacher:
Lei Feng (lfeng@kth.se)

Other teachers in the course:
None

Examiner:
Lei Feng

Learning activities:
Lectures 26 hours, taught exercises 24 hours, experiments 12 hours.

Additional Comments
None

2 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:
6 responses from 42 registered students.

Brief summary of students' responses from the LEQ survey and/or other types of course evaluation:
The good things in this course that the students appreciate most include the following. (1) The labs offer good opportunities to practice the learned theory on real applications. (2) The lecturer is very good at explaining the material. (3) The course Canvas page is good at presenting the course materials. (4) All lectures are recorded in videos and the students can watch them at any time. (5) The lectures are well structured. (6) The taught exercises are helpful for learning the lecture materials.

Additional Comments

The students wish to have more lab equipment available in the lab, so that they can have much more opportunities to play with the lab.

3 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:

A new set of lab equipment was adopted this year. The old equipment was very expensive and hence limited in number. The new one is cheap and made by us. Consequently, much more lab equipment is available this year.

Some small changes are made to the lectures to make the material more interesting to the students.

The course's strengths (based on the students' experiences and the teacher analysis):

A good combination of theory and practice. The knowledge is very helpful.

Areas for improvement of the course (based on student experiences and teacher analysis):

More lab equipment. Improvement of the content to be closely related to the modern technologies.

Proposed changes to the next course round:

Update the course lectures to have more topics on filtering method.

Additional Comments

None.