



**CHALMERS**

## Course board meeting: Minutes

<i>Course name:</i>	<i>Fordonsdynamik - MMF062 - Vehicle dynamics</i>	<i>Programme owning the course:</i>	Automotive engineering, Master's programme
<i>Course code:</i>	MMF062	<i>Department instructing the course:</i>	Mechanics and maritime sciences
<i>Academic year:</i>	2019/2020		
<i>Study period:</i>	SP2		

*Meeting participants:* Bengt Jacobson Examiner  
Mats Jonasson and Jacob Brillante Teachers  
Juliette Utbult TA  
Chirag Jain, Jonas Johnsson, Lohith Reddy Keshava Reddy, Jonathan Linderoth, Cosmin Pascariu and Filip Tagesson (MUU) Students  
Johan Bankel Educational management support

*Date:* 2020-02-19

### *Summary*

The course was given, for general impression, the grade of 3.61. Several of changes was introduced last year and in general have work out well also this year. The changes were inspired by the concept Flipped classroom and the concept should though only be used for certain course activities. One is instance that the introduction of concepts should be held in classroom. There are also some suggestions for specific teaching activities, for instance, derivation of equations might not be the best learning activity during a teaching session rather it should be given as overview and the fully derivation handed out later. The general response was though positive. Grades were distributed as follows: 5: 13%, 4: 44%, 3: 0% and fail U: 43%.

### *Prerequisites and learning outcomes*

No major issues of gaps in pre-knowledge in the course was addressed.

### *Learning, examination and course administration*

The compendium is rated as very dense and in order to help students taking in the content a new version will be introduced to next year. The new version will focus more on general views and with less derivation of equations. The written test was changed this year. It had the form of multiple choice and problem solving questions. The course will keep the concept also next year.

### *Work climate*

Good

### *To keep for next course round*

All parts and activities should be retained.

### *Suggested changes*

Very few from the course board. Flipped classroom should though not be used for concept introductions. Less derivations during problem solving sessions.

Suggestions from the course: will use Car-maker model in assignment 2 instead of Simulink. A new shorter compendium with more focus on the overview of the area will be developed.

### *Other matters*

The parallel course in Active safety also has randomized groups in their assignments. This should be coordinated in order to make the process as smooth as possible.