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## Automotive Engineering - Practical Course I

### WT 2018/2019

0)	V	07.10.2019	AH III	Introduction and Registration	Spohr
1)	V	14.10.2019	AH III	Lighting Systems	Becker
	L	16.10.2019	Crash Facility (ika)		
2)	V	21.10.2019	AH III	Driving Simulator	Henne
	L	23.10.2019	Simulator Building (ika)		
3)	V	28.10.2019	AH III	Determination of Inertia Parameters and Kinematics	Bräutigam
	L	30.10.2019	Hall Building (ika)		
4)	V	11.11.2019	AH III	Servo Hydraulic Test Centre	Kessen
	L	13.11.2019	Hall Building (ika)		
5)	V	18.11.2019	AH III	Crash Tests	Lovski
	L	20.11.2019	ZMB Building		
6)	V	25.11.2019	AH III	Virtual Reality	Kuhlen /Klein
	L	27.11.2019	IT Center RWTH		
7)	V	02.12.2019	AH III	FEM	Ruf
	L	04.12.2019	S206 (ika)		
8)	V	09.12.2019	AH III	CAX Methods in Suspension Development	Guru Khandavalli
	L	11.12.2019	E 113 (ika)		
9)	V	16.12.2019	AH III	Electronic Instrumentation	Kurpat
	L	18.12.2019	B004 (ika)		
10)	V	13.01.2019	AH III	Roller Dynamometer Test Bench	Martens
	L	15.01.2019	Hall Building (ika)		
11)	V	20.01.2019	AH III	Energy Storage Systems	Krüger
	L	22.01.2019	E 113 (ika)		

I = Introduction

L = Laboratory

**Please read the information on the next pages thoroughly!**

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## Examination / Credit Points

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*Master program (RWTH Aachen University and Double Master Tsinghua)*

*German and English*

In order to achieve the credit points a written combined exam ("Practical Course I & II") has to be passed. Only students who have attended to at least 75 % of all lectures (introduction and lab) of both Practical Courses are permitted to write the exam. The registration for the exam can be done in the RWTHonline system and at ZPA.

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*Erasmus and all other exchange programs*

*German and English*

There are three logon variants. Once you have chosen one of these variants, you cannot switch. These variants are:

1. The participation only in the Practical Course I with an attendance of at least 75% of the laboratory appointments (introduction and lab) for the attainment of the credit points. There will be no grading.
  2. The participation only in the Practical Course II with an attendance of at least 75% of the laboratory appointments (introduction and lab) for the attainment of the credit points. There will be no grading.
  3. Participation in both events Practical Course I & II with at least 75% attendance at the respective laboratory appointments (introduction and lab) and participation in the written exam.
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*Bachelor program (RWTH Aachen University)*

*German and English*

The Practical Course is a compulsory elective subject of the master program. The participation in the examination during the bachelor studies is only possible by individual curriculum change. But the participation in the course is possible during bachelor studies without curriculum change.

Conditions and requirements regarding the examination are the same as for master students (Minimum attendance 75 %).

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## **eLearning**

A virtual eLearning space in RWTHmoodle will be set up. This virtual learning space will be used for announcements and downloads related to this course. You can register for the eLearning space using the RWTHonline system.

## **Registration and Grouping**

The registration procedure will be explained during the initial lecture. The Grouping will be done in RWTHmoodle. Therefore, please register for the eLearning space of the Practical Course as soon as possible. If you have any problems with the registration please contact the tutor of the Practical Course (you can find contact data below).

Important: You can only visit the Practical Course in the group you have registered for.

## **The Practical Course consists of two parts:**

### *Introduction lectures:*

German:	Tuesdays, 17:30 – 18:15	(C.A.R.L. H11)
English:	Mondays, 12:30 – 13:15	(AH III)

### *Practical lectures:*

Wednesdays, 45 minutes per group between 8 am and 6 pm.

The location of the practical part differs and will be announced during the introduction lectures.

## **Lecture notes**

The lecture notes will be sold during the first lecture for 10 € apiece. Afterwards the lecture notes will be sold in the fka-building, Steinbachstraße 7, 52074 Aachen, Ground level, room B000 (M. Fajfar), Mo.-Fr. 8 am – 12 am and 1 pm – 3 pm.

## **Contact**

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