Lecture Plan WS 2021/2022
Version: 03.11.2021 - FA 201
Thursday 08:00 – 11:30
T314

Hochschule
Kempten
University of Applied Sciences

Nr.	Datum	Inhalt	Ort	Von Wem
0		**Virtual Test Driving (VTD)** **CarMaker Quick Start Guide**	**T314** **T318**	**Self-study**
1	07.10.	Requirements for vehicles and their global attributes	T314 T318	Schick
3	14.10.	Vehicle dynamics attributes and their target conflicts	T314 T318	Schick
3	21.10.	Test and evaluation methods for vehicle attributes (1) **with practical simulation**	T314 T318	Schick
4	28.10.	Test and evaluation methods for vehicle attributes (2) **with practical simulation**	T314 T318	Schick
5	04.11.	Basic vehicle dynamics calculation and vehicle models with exercise	T314 T318	Böhle
6	11.11.	**ADAS DRIVING EVENT** Measurement Tech. Introductions **PSA - Introduction**	**IFM**	Günther/Riedlmüller/ Schwandke
7	18.11.	Chassis components and functions (1) Tire & Wheels **with practical simulation**	T314 T318	Schick
8	25.11.	Chassis components and functions (2) Axle & Suspension **w. practical simulation**	T314 T318	Schick
9	02.12.	Chassis controls and functions (1) Overview & Brakes & Steering	T314 T318	Schick
10	09.12.	Chassis controls and functions (2) ESP–Functions & Application & Process	T314 T318	Albert Lutz (BOSCH)

11	16.12.	**Chassis controls and functions (3) ESP–Application & Hands-On Workshop**	T314 T318	Albert Lutz (BOSCH)
12	13.01.	**Chassis controls and functions (4) ESP–Application & Hands-On Workshop**	T314 T318	Albert Lutz (BOSCH)
13	20.01.	TEND: ADAS Development for a sports car manufacturer	T314 T318	Manuel Höfer (Porsche)

Nr.	Datum	Inhalt	Education Target*
1		**Virtual Test Driving (VTD)** **CarMaker Quick Start Guide**	**apply**
2	07.10.	Requirements for vehicles and their global attributes	**understand**
3	14.10.	Vehicle dynamics attributes and their target conflicts	**apply**
3	21.10.	Test and evaluation methods for vehicle attributes (1) **with practical simulation**	**understand**
4	28.10.	Test and evaluation methods for vehicle attributes (2) **with practical simulation**	**apply**
5	**04.11.**	**ADAS DRIVING EVENT** Measurement Tech. Introductions	**analyze & evaluate**
6	11.11.	Basic vehicle dynamics calculation and vehicle models **with exercise**	apply, analyze, evaluate
7	18.11.	Chassis components and functions (1) Tire & Wheels **with practical simulation**	apply
8	25.11.	Chassis components and functions (2) Axle & Suspension **w. practical simulation**	apply
9	02.12.	Chassis controls and functions (1) Overview & Brakes & Steering	understand
10	09.12.	Chassis controls and functions (2) ESP−Functions & Application & Process	understand
11	16.12.	**Chassis controls and functions (3)** **ESP−Application & Hands-On Workshop**	**apply, analyze, evaluate**
12	13.01.	**Chassis controls and functions (4)** **ESP−Application & Hands-On Workshop**	**apply, analyze, evaluate**
13	20.01.	TEND: ADAS Development for a sports car manufacturer	understand