

Vehicle mechanics fundamentals (Járműmechanikai alapok)

BMEKOGGM713

Spring 2023

Responsible organizer:

Sipos Gábor



Week	Lecture	Lecture	Practice	Practice	Lab	Lab
	Monday 12-14	Nap -tól -ig	Nap -tól -ig Csoport	Nap -tól -ig Csoport	Tuesday 8-10 Csoport	Nap -tól -ig Csoport
Week 1 02.27 - 03.05	General information, Tyre, Driving force Sipos Gábor ST319				Semester championship Sipos Gábor ST319	
Week 2 03.06 - 03.12	Longitudinal and lateral behaviour Sipos Gábor ST319					
Week 3 03.13 - 03.19	Concepts and over/understeer Sipos Gábor ST319				Lecture related examples and calculations Sipos Gábor ST319	
Week 4 03.20 - 03.26	Weight transfer Sipos Gábor ST319					
Week 5 03.27 - 04.02	Bicycle model Sipos Gábor ST319				Semester championship Sipos Gábor ST319 Meg	
Week 6 04.03 - 04.09	Midterm exam I. Sipos Gábor ST319					
Week 7 04.10 - 04.16	Break Sipos Gábor ST319				Break	
Week 8 04.17 - 04.23	System of the vehicle Sipos Gábor ST319					
Week 9 04.24 - 04.30	Quarter vehicle model Sipos Gábor ST319				M Exam I. R Sipos Gábor ST319 Meg	
Week 10 05.01 - 05.07	Break					
Week 11 05.08 - 05.14	Tyre management Sipos Gábor ST319				Semester championship Sipos Gábor ST319 Meg	
Week 12 05.15 - 05.21	Racecar engineering Sipos Gábor ST319					
Week 13 05.22 - 05.28	Midterm exam II. Sipos Gábor ST319				See next week	
Week 14 05.29 - 06.04	Break				M Exam II. R	
Additional week 06.05 - 06.11	Téma xOktató Terem Meg				Téma xOktató Terem Meg	

Rövidítések:

Longitudinal and lateral behaviour
 Concepts and over/understeer
 Weight transfer
 Bicycle model
 System of the vehicle
 Quarter vehicle model
 Tyre management
 Racecar engineering

Gyakorlat / Labor részvétel feltételei:

No pre-condition for Labs, bring your laptop if possible.
 Semester championship documentation deadline: 05.28.

Gyakorlatok / Laborok pótlásának rendje

Számonkérések időpontjai:

1. ZH	April 03.	Room nr. Will be shared later.
1. pót ZH	April 25.	Room nr. Will be shared later.
2. ZH	May 22.	Room nr. Will be shared later.
2. pót ZH	May 30.	Room nr. Will be shared later.

Félévközi jegy / Aláírás megszerzése (vizsgára bocsjítás) feltételei

To achieve the subject, students have to pass on two tests during the semester and submit documentation regarding the semester championship this way they get signature from the lect

2023.02.28

Sipos Gábor