



1. Subject name	Basics of Vehicle Design and Diagnostics				
2. Code	KOJHA159	3. Evaluation	midterm	4. Credit	4
5. Seminars per week	2 lecture	2 practice	0 lab	6. Curriculum	
7. Needed working hours for achieving the requirements of the subject					120
Contact hours	56 hours	Preparation for seminars	14 hours	Homework	12 hours
Reading written syllabus	8 hours	Exam preparation	30 hours	Final exam preparation	0 hours
8. Department	Department of Vehicle Elements and Vehicle Structure Analysis				
9. Responsible lecturer	Dr. Lovas László				
10. Lecturers	Dr. Lovas László				
11. Mandatory requirement	-				
12. Recommended requirements	-				
13. Objective of the subject					
Overview of the engineer's way of thinking when creating new vehicle parts or analysing existing ones, based on existing knowledge of mechanics and technical drawing.					
14. Individual student assignment					
Project: measurement, CAD modelling, technical drawing, function analysis and finite element analysis of a given part.					
15. Assessment, requirements for examination					
The mark is based on the oral presentation and written copy of the individual work.					