



1. Subject name	Measurement technologies of heat engines II.				
2. Subject name in Hungarian	Hőerőgépek mérés technikája II				
3. Code	BMEKOGJD014	4. Evaluation type	exam grade	5. Credits	3
6. Weekly contact hours	3 (0) Lecture	0 (0) Practice	2 (0) Lab		
7. Curriculum	PhD Programme	8. Role	Specific course		
9. Working hours for fulfilling the requirements of the subject					90
Contact hours	14	Preparation for seminars	14	Homework	12
Reading written materials	20	Midterm preparation	30	Exam preparation	0
10. Department	Department of Automotive Technologies				
11. Responsible lecturer	Dr. Zöldy Máté				
12. Lecturers	Dr. Zöldy Máté				
13. Prerequisites	strong: BMEKOGJD011 - Measurement technologies of heat engines I.				
14. Description of lectures					
Objective of the subject is the description of laboratory test of heat-engines, especially the internal combustion engine, its propellant and lubricants. (continuation of Measurement technologies of heat engines I.)					
15. Description of practices					
16. Description of laboratory practices					
17. Learning outcomes					
A. Knowledge					
<ul style="list-style-type: none"> • Is familiar with the images presented in the subject and the individual procedures of the internal relationships. 					
B. Skills					
<ul style="list-style-type: none"> • Capable of all procedures and research. 					
C. Attitudes					
<ul style="list-style-type: none"> • Openness to new opportunities in the field. 					
D. Autonomy and Responsibility					
<ul style="list-style-type: none"> • A vehicle for solving research task. 					
18. Requirements, way to determine a grade (obtain a signature)					
Knowing the curriculum and application of it. The exam is oral.					
19. Opportunity for repeat/retake and delayed completion					
There is one occasion to retake the exam.					
20. Learning materials					
2. Martyr, Plint: Engine Testing (The Design, Building, Modification and Use of Powertrain Test Facilities). 4. edition, Elsevier 2012.					
3. Kuratle: Motorenmesstechnik. Vogel Buchverlag, 1995.					
Effective date	27 November 2019	This Subject Datasheet is valid for		Inactive courses	