



1. Subject name	Electronics – electronic measurement systems				
2. Code	KOKAM103	3. Evaluation	midterm	4. Credit	4
5. Seminars per week	2 lecture	1 practice	0 lab	6. Curriculum	K0 K1 J0 J1 L0
7. Needed working hours for achieving the requirements of the subject					120
Contact hours	42 hours	Preparation for seminars	8 hours	Homework	0 hours
Reading written syllabus	52 hours	Exam preparation	18 hours	Final exam preparation	0 hours
8. Department	Department of Control for Transportation and Vehicle Systems				
9. Responsible lecturer	Dr. Szabó Géza				
10. Lecturers	Dr. Szabó Géza				
11. Mandatory requirement	-				
12. Recommended requirements	-				
13. Objective of the subject					
The subject gives basic knowledge of electronics and electronic measurements and their application in different areas of transportation. It summarizes the operational modes of basic components and basic circuits and describe how one can design and apply them. It gives an overview of electric and mechanical measurements and how the results of measurements can be processed.					
14. Individual student assignment					
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15. Assessment, requirements for examination					
There will be 3 written tests during the semester, which can be improved or retaken. The minimum requirement for a course mark is passing all 3 written tests (the average mark of all tests reaches the minimum criteria). The course mark will be calculated from the average of the 3 written tests.					