



<b>1. Subject name</b>	<b>Calibration and homologation of ADAS systems</b>				
<b>2. Subject name in Hungarian</b>	ADAS rendszerek kalibrációja és jóváhagyása				
<b>3. Code</b>	<b>BMEKOGGD004</b>	<b>4. Evaluation type</b>	exam grade	<b>5. Credits</b>	2
<b>6. Weekly contact hours</b>	2 (0) Lecture	0 (0) Practice	0 (0) Lab		
<b>7. Curriculum</b>	PhD Programme	<b>8. Role</b>	Specific course		
<b>9. Working hours for fulfilling the requirements of the subject</b>					<b>74</b>
<b>Contact hours</b>	28	<b>Preparation for seminars</b>	18	<b>Homework</b>	5
<b>Reading written materials</b>	5	<b>Midterm preparation</b>	18	<b>Exam preparation</b>	0
<b>10. Department</b>	<b>Department of Automotive Technologies</b>				
<b>11. Responsible lecturer</b>	Dr. Zöldy Máté				
<b>12. Lecturers</b>	Dr. Zöldy Máté				
<b>13. Prerequisites</b>					
<b>14. Description of lectures</b>					
Independent analysis of vehicle dynamics processes in the light of the driving process. Development of management support systems, detection of its expected tendency. Development of automotive calibration and homologation process. Calibration and development of ADAS systems. Design and development of homologation of ADAS systems.					
<b>15. Description of practices</b>					
<b>16. Description of laboratory practices</b>					
<b>17. Learning outcomes</b>					
A. Knowledge					
<ul style="list-style-type: none"> <li>• is able to independently develop the procedures presented in the subject and the internal relationships within the procedures</li> </ul>					
B. Skills					
<ul style="list-style-type: none"> <li>• ability to research and develop in specific processes</li> </ul>					
C. Attitudes					
<ul style="list-style-type: none"> <li>• Openness to new opportunities in the field</li> </ul>					
D. Autonomy and Responsibility					
<ul style="list-style-type: none"> <li>• Get involved in research task</li> </ul>					
<b>18. Requirements, way to determine a grade (obtain a signature)</b>					
Knowing the curriculum and application of it. The exam is oral.					
<b>19. Opportunity for repeat/retake and delayed completion</b>					
There is one occasion to retake the exam.					
<b>20. Learning materials</b>					
Self developed materials from the department					
<b>Effective date</b>	27 November 2019	<b>This Subject Datasheet is valid for</b>		Inactive courses	