



<b>1. Subject name</b>	Traffic flow				
<b>2. Code</b>	<b>KOKUM204</b>	<b>3. Evaluation</b>	<b>exam</b>	<b>4. Credit</b>	<b>4</b>
<b>5. Seminars per week</b>	<b>2 lecture</b>	<b>1 practice</b>	<b>0 lab</b>	<b>6. Curriculum</b>	<b>K0 K1</b>
<b>7. Needed working hours for achieving the requirements of the subject</b>					<b>120</b>
<b>Contact hours</b>	42 hours	<b>Preparation for seminars</b>	8 hours	<b>Homework</b>	22 hours
<b>Reading written syllabus</b>	21 hours	<b>Exam preparation</b>	12 hours	<b>Final exam preparation</b>	15 hours
<b>8. Department</b>	<b>Department of Transport Technology and Economics</b>				
<b>9. Responsible lecturer</b>	Kózel Miklós				
<b>10. Lecturers</b>	Kózel Miklós, Soltész Tamás, Esztergár-Kiss Domokos				
<b>11. Mandatory requirement</b>	-				
<b>12. Recommended requirements</b>	-				
<b>13. Objective of the subject</b>					
Analysing, modelling and planning of traffic flow on road transportation network, in consideration of passenger and goods transport. Probability distributions, vehicle in winding way, phasing of traffic lights, road markings, traffic signs, pedestrian flow, traffic calming zones					
<b>14. Individual student assignment</b>					
Students will do instrumental and manual measurements, they will also analyse the results in order to define traffic flow parameters.					
<b>15. Assessment, requirements for examination</b>					
There will be 2 written tests during the semester, both can be retaken or improved upon once. There will be 2 written test during the semester, both can be retaken or improved once. The minimum requirement for the course mark is passing the written tests and passing the semester task. The examination will be written, and the final mark is calculated from the following: 60% from the examination and 40% from the average of the written tests.					