General information

Name of Course:	**Urban Transport**
Course Code:	
Allotment of Hours per Week:	*2 pres.*
Number of Credits:	*2*
Semester:	*Civil Engineering (BSc), 07*
Evaluation:	*mid-term mark*
Term:	*autumn*
Language:	*English*
Prerequisites:	-
Chair:	*Civil Engineering (100%)*
Instructor:	*Dr. Gulyás András associate professor*

Learning Outcomes: basic knowledge of urban transport and traffic engineering.

General Course Description and Main Content:
Role and development of urban transport in the practice of urbanism and town management. Main goal of advanced transport infrastructure is to provide sustainable mobility in liveable cities. Main parts of the curricula: urban transport network and its planning, design and operation of sustainable urban transport modes, urban related elements of road transport (within that input data of transport planning and relations, network hierarchy, traffic engineering design and solutions, traffic engineering, traffic calming, design of intersections, traffic safety, intelligent transport systems), role of railway, water and air transport in cities. Theory is supplemented by presenting recently implemented urban transport development as well as numerical examples to help understanding.

Methodology: presentations, consultations

Attendance: Attending is required as described is the faculty rules. 1 written mid-term test.

Enhancement and re-test: The test can be once rewritten for enhancement or in case of absence usually on the last week of the semester. Should this rewritten test be failed there is still another possibility in the exam period. The evaluation of the last written test is taken into account that means it is possible to get even a worse mark after an attempt to enhance.

Evaluation and Grading:
A minimum of 41% is required to pass the mid-term test. Grading scale:

Numeric Grade:	5	4	3	2	1
Evaluation in points:	86%-100%	71%-85%	56%-70%	41%-55%	0-40%

Required Reading:
Sustainable Urban Mobility Plan (SUMP) Guidelines. On-line version
http://www.eltis.org/guidelines/sump-guidelines
Transport Planning and Traffic Engineering ed. by C.A. O'Flaherty
http://site.iugaza.edu.ps/emasry/files/2010/09/Transport-Planning-and-traffic-engineering.pdf
Subject materials on Neptun Meet Street

03 September 2018

dr. Gulyás András
instructor