

Tárgytematika / Course Description **Road design and traffic engineering**

EKNM_KETA042

Tárgyfelelős neve /

Teacher's name: dr. Miletics Dániel

Félév / Semester: 2024/25/2

Beszámolási forma /

Assesment: Vizsga

Tárgy heti óraszám /

Teaching hours(week): 2/1/0

Tárgy féléves óraszám /

Teaching hours(sem.): 0/0/0

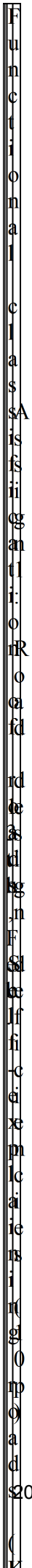
OKTATÁS CÉLJA / AIM OF THE COURSE

The goal of the course is to become familiar with selected topics of road design and traffic engineering. The selection of the topics discussed in the framework of the course is based on the the BSc curricula and on the current problems of road design. The main focus of the classes is on designing safe roads, analysis of road infrastructure projects, description of traffic flows and the capacity calculations.

TANTÁRGY TARTALMA / DESCRIPTION







SZÁMONKÉRÉSI ÉS ÉRTÉKELÉSI RENDSZERE / ASSESSMENT'S METHOD

Assignments (4) are evaluated at maximum **50 points**. Details are given in the terms of reference for each assignment. The evaluation of the assignments is based on the submitted written material and on the oral presentation. A minimum of 26 points have to be reached from the assignments.

At least 26 point form the 50 have to be reached during the term-time.

Test exam is evaluated at maximum **50 points**. A minimum of 26 points have to be reached. Final mark: up to 50 points: 1, 51-64 points: 2, 65-74 points: 3, 75-84 points: 4, from 85 points 5.

KÖTELEZŐ IRODALOM / OBLIGATORY MATERIAL

Compulsory reading: pdf files of the presentations and further reading on the Moodle site

Recommended reading: Fred L. Mannering, Scott S. Washburn: Principles of highway engineering and traffic analysis

AJÁNLOTT IRODALOM / RECOMMENDED MATERIAL