

Tárgytematika / Course Description **Transport infrastructure 1**

EKNB_KETA025

Tárgyfelelős neve /

Teacher's name: dr. Miletics Dániel

Félév / Semester: 2025/26/1

Beszámolási forma /

Assesment: Vizsga

Tárgy heti óraszám /

Teaching hours(week): 2/2/0

Tárgy féléves óraszám /

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

OKTATÁS CÉLJA / AIM OF THE COURSE

In the class we will learn the principles of highway engineering design, construction, and maintenance. Will learn about traffic flow and traffic design.

TANTÁRGY TARTALMA / DESCRIPTION

Week #1	C o u r s e r e q u i r e m e n t s , R o a d v e h i c l e s
Week #2	T r a f f i c f l o w
Week #3	S i g h t d i s t a n c e

Week #4	Horizontal alignment 1
Week #5	Horizontal alignment 2
Week #6	Vertical alignment 1

Week #7	V e r t i c a l a l i g n m e n t 2
Week #8	P a v e m e n t d e s i g n 1
Week #9	P a v e m e n t d e s i g n 2

Week #10	C r o s s s e c t i o n s 1
Week #11	C r o s s s e c t i o n s 2
Week #12	I n t e r s e c t i o n s

Week #13	P l o t a n d d o c u m e n t a t i o n
Week #14	P r a c t i c e

SZÁMONKÉRÉSI ÉS ÉRTÉKELÉSI RENDSZERE / ASSESMENT'S METHOD

final exam and one assignments

KÖTELEZŐ IRODALOM / OBLIGATORY MATERIAL

Compulsory reading

