

## Tárgytematika / Course Description Transport infrastructure 2

EKNB\_KETA026

Tárgyfelelős neve /

Teacher's name: Nagy Richárd

Félév / Semester: 2023/24/2

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

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
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<b>Week #2</b>	T r a f f i c  f l o w
<b>Week #3</b>	S i g h t  d i s t a n c e
<b>Week #4</b>	H o r i z o n t a l a l i g n m e n t  1

<p style="text-align: center;"><b>Week #5</b></p>	<p style="text-align: center;">H o r i z o n t a l a l i g n m e n t</p>
<p style="text-align: center;"><b>Week #6</b></p>	<p style="text-align: center;">2 V e r t i c a l a l i g n m e n t</p>
<p style="text-align: center;"><b>Week #7</b></p>	<p style="text-align: center;">1 V e r t i c a l a l i g n m e n t</p> <p style="text-align: center;">2</p>

<p style="text-align: center;"><b>Week #8</b></p>	<p style="text-align: center;">P a v e m e n t  d e s i g n  1</p>
<p style="text-align: center;"><b>Week #9</b></p>	<p style="text-align: center;">P a v e m e n t  d e s i g n  2</p>
<p style="text-align: center;"><b>Week #10</b></p>	<p style="text-align: center;">C r o s s  s e c t i o n s  1</p>

<b>Week #11</b>	C r o s s  s e c t i o n s
<b>Week #12</b>	2  I n t e r s e c t i o n s
<b>Week #13</b>	P l o t  a n d  d o c u m e n t a t i o n
<b>Week #14</b>	P r a c t i c e

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**SZÁMONKÉRÉSI ÉS ÉRTÉKELÉSI RENDSZERE / ASSESSMENT'S METHOD**

## KÖTELEZŐ IRODALOM / OBLIGATORY MATERIAL

	F r e d L · M a n n e r i n g , S c o t t S · W a s h b u r n : P r i n c i p l e s o f h i g h w
Compulsory reading	

Recommended reading

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**AJÁNLOTT IRODALOM / RECOMMENDED MATERIAL**