

Tárgytematika / Course Description Transport infrastructure 1

EKNB_KETA025

Tárgyfelelős neve /

Teacher's name: dr. Makó Emese

Félév / Semester: 2024/25/1

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

<p style="text-align: center;">Week #1</p>	<p style="writing-mode: vertical-rl; text-orientation: mixed;">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</p>
<p style="text-align: center;">Week #2</p>	<p style="writing-mode: vertical-rl; text-orientation: mixed;">T r a f f i c f l o w</p>
<p style="text-align: center;">Week #3</p>	<p style="writing-mode: vertical-rl; text-orientation: mixed;">S i g h t d i s t a n c e</p>

<p style="text-align: center;">Week #4</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 1</p>
<p style="text-align: center;">Week #5</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 2</p>
<p style="text-align: center;">Week #6</p>	<p style="text-align: center;">V e r t i c a l a l i g n m e n t 1</p>

<p style="text-align: center;">Week #7</p>	<p style="text-align: center;">V e r t i c a l a l i g n m e n t</p>
<p style="text-align: center;">Week #8</p>	<p style="text-align: center;">2 P a v e m e n t d e s i g n</p>
<p style="text-align: center;">Week #9</p>	<p style="text-align: center;">1 P a v e m e n t d e s i g n 2</p>

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

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

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
a
y
e
n
g
i
n
e
r
i
n

AJÁNLOTT IRODALOM / RECOMMENDED MATERIAL