

## Tárgytematika / Course Description

### Transport construction project 1

EKNB\_KETA002

Tárgyfelelős neve /

Teacher's name: dr. Makó Emese

Félév / Semester: 2021/22/1

Beszámolási forma /

Assesment: Folyamatos számonkérés

Tárgy heti óraszám /

Teaching hours(week): 0/3/0

Tárgy féléves óraszám /

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

---

### OKTATÁS CÉLJA / AIM OF THE COURSE

Working out a complex project involving road design and safety, railway design, traffic engineering, urban planning applying GIS Autocad and Civil 3D softwares.

---

### TANTÁRGY TARTALMA / DESCRIPTION

1. Information gathering, team bulding
2. Consultation with the involved city government
3. Related former design and plans, database
4. Analysis of the database
5. Formulating the current situation
6. Drawing the current situation
7. Problem analysis
8. Designing the problem map
9. Creating project variations
10. Development of project variations
11. Illustration of project variations
12. Documentation, design of project variations
13. Oral presentation of the project
14. Finalizing the report

---

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

continous evaluation

---

### KÖTELEZŐ IRODALOM / OBLIGATORY MATERIAL

Compulsory reading

Design duidelines, other technical handouts given by the supervisors