

Tárgytematika / Course Description

CAD Applications 1.

EKNB_KETA029

Tárgyfelelős neve /

Teacher's name: dr. Bene Katalin

Félév / Semester: 2022/23/1

Beszámolási forma /

Assesment: Folyamatos számonkérés

Tárgy heti óraszám /

Teaching hours(week): 0/0/3

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

1.Introduction to AutoCAD 2.Geometric elements and editing operations 3.How to handle the screen? 4.Drawing basic geometrics using AutoCAD 5.Useful tools 6.Properties of drawing objects 7.Drawing and editing complex objects 8.Basic and advanced editing operations 9.Text object 10.Tables 11.Hatching 12.Mid-term exam and homework 13.Paper space 14.Print 15.Blocks, block attributes 16.Annotation 17.Surveying, contour lines, editing contour lines 18.Drawing exercise: road planning 19.Drawing exercise: earthworks 20.Watershed, floodplain

SZÁMONKÉRÉSI ÉS ÉRTÉKELÉSI RENDSZERE / ASSESMENT'S METHOD

exam and two mid-term tests, three assignments

KÖTELEZŐ IRODALOM / OBLIGATORY MATERIAL

Compulsory reading: Materials uploaded to SZElearning

Recommended reading: James D. Bethune: Engineering graphics with AutoCAD 2017. Pearson Paul Richard: Introduction to AutoCAD 2017. Pearson