



HASAN KALYONCU UNIVERSITY
Faculty of Engineering
Course Description Form

COURSE: Technical Drawing					
CODE: CE112		SEMESTER: SPRING			
LANGUAGE: ENGLISH		TYPE: COMPULSORY			
PRE-REQUISITES: - CO-REQUISITES: -		THEORY	PRACTICAL	CREDIT	ECTS
WEEKLY HOURS: 4		2	2	3	3

CONTENT OF THE COURSE:

Scale, line types, geometric drawings, projections and perspective, freehand sketch drawing, drawing of various reinforced concrete building elements, steel construction, walls, roads and earth works, culverts and bridges. Introduction to Autocad software, Autocad commands. Single dimension drawings, drawings with coordinates, page and setting commands, drawing commands, two dimensional drawings, practice.

OBJECTIVE OF THE COURSE:

To introduce the different types of Civil construction elements including: Reinforced Concrete structures, Steel structures, Sanitary engineering construction and their representation in engineer's language i.e drawing.

WEEKLY SCHEDULE

Week	Topics
1	Introduction to AutoCAD software
2	Draw Commands
3	Erase and Selection Sets
4	Display Commands
5	Drawing Aids
6	Preparing the structural drawings using Autocad software
7	Preparing the structural drawings using Autocad software
8	Delivery of the project
9	Drawing the front view, left side view, right side view, back view, top view and bottom view
10	Drawing the front view, left side view, right side view, back view, top view and bottom view
11	Drawing the front view, left side view, right side view, back view, top view and bottom view
12	Drawing the front view, left side view, right side view, back view, top view and bottom view
13	Drawing the front view, left side view, right side view, back view, top view and bottom view
14	Delivery of the project

TEXTBOOK: Textbook of Engineering Drawing, Second edition, Copyright © 2008, ISBN: 81-7800-149-7.

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
LO1	3	0	0	2	0	3	0	0	0	0	0
LO2	3	0	0	2	0	3	0	0	0	0	0
	PO: Program Outcomes LO: Learning Outcomes Values: 0: None 1: Low 2: Medium 3: High										

INSTRUCTOR(S):	Asst.Prof.Dr. D1a Eddin NASSANI
FORM PREPARATION DATE:	22.05.2019

LEARNING OUTCOMES OF THE COURSE:

LO1: Prepare structural drawings for any Project using AutoCAD software
LO2: Draw front view, left side view, right side view, back view, top view and bottom view of a 3D element

CONTRIBUTION OF THE COURSE TOWARDS PROVIDING VOCATIONAL EDUCATION: The student learns to use modern computer-based software to prepare drawings and images related to their profession. He/She also learns basic drawing information with project drawing.