



EAST WEST UNIVERSITY
Department of Computer Science and Engineering
Fall 2021 Semester, Mini Project
CSE200 Computer Aided Engineering Drawing, Section-4,
Deadline: January 12, 2022 11:00 pm Full Marks: 20

Course Outcome: CO4	Program Outcome: PO1
Cognitive Level: C3	Psychomotor Level: P2, P3 Affective Level: A2
Knowledge Profile: K3	Complex Engineering Problem: EP1, EP2

Project Statement

Draw a 2D Floor Plan of your own living space using computer Aided Design Process. All the necessary measurements must be depicted using the dimension lines.

Instructions:

- First draw a rough sketch (relative position of rooms, doors, windows, veranda) of your living space.
- Measure the dimension of each room, door, window as better as you can.
- Then revise your sketch with measured dimensions.
- Follow the steps shown in the class to draw the floor plan.
- Use separate layers for wall, door and window. Other ornamental components are not required.

Report Guideline

1. Draw each figure in AutoCAD maintaining the dimensions.
2. Show appropriate dimension line and leader line where necessary. Outer boundaries are to be drawn with continuous thick line and dimensions with continuous thin line. Use different layer for dimension lines and leader lines, door and window.
3. Generate a printable image file for each figure with proper scale and then prepare a report with the image drawn.
4. Submit softcopy of your report in .pdf format and .dwg file of your project and name them by your student ID and turn them to Google Classroom.

Mark Distribution

1. Accuracy and Quality of the Design (Cognitive: C3):	6
2. Report Quality (Cognitive: C3):	2
3. Report Quality (Psychomotor – Communication Skill: P3)	1
4. Presentation Quality (Cognitive: C3):	8
5. Presentation Quality (Psychomotor – Communication Skill: P3):	1
6. Presentation Quality (Affective: A2):	1
7. Question and Answer (Affective: A2):	1
Total:	20