

CPE 214 – Computer-Aided Engineering Design



Lab #4 To practice the basic commands (Part-II) and sketch the detailed dimensioned drawing using AutoCAD.

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OBJECTIVE(S):

- **Sketching the detailed dimensioned drawing using AutoCAD.**

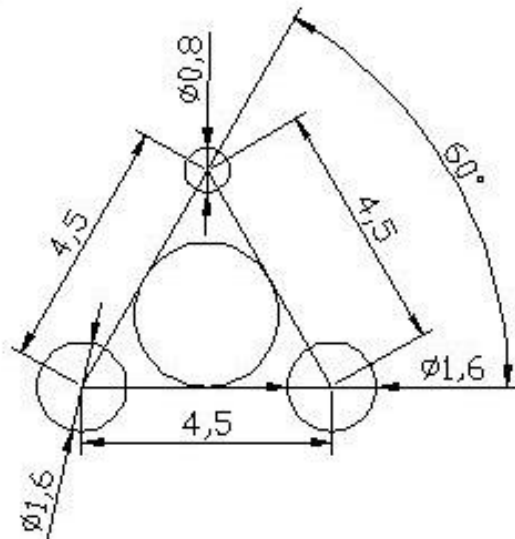
INTRODUCTION:

The term CAD (Computer Aided Design) applies to a wide range of programs that allow the user to create drawings, plans, and designs electronically. AutoCAD is one such program and its main claim to fame is that it is relatively easy to use, it is very comprehensive in its ability to create 2D and some 3D drawings, and it is very popular. Seventy percent of the CAD users in the world use AutoCAD.

LAB TASKS:

Task 1:

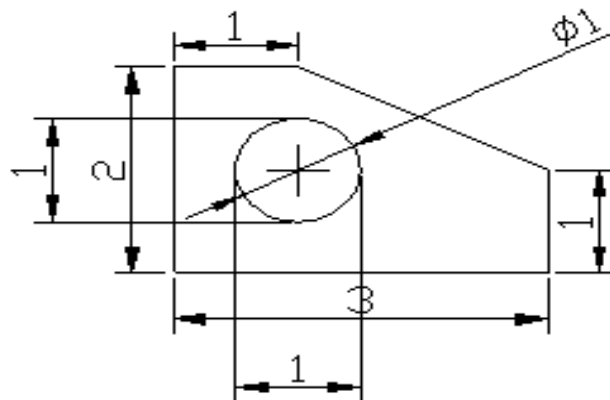
- **Drawing the fig with given measurements .**



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POST-LAB TASKS:

- **Draw the diagram using appropriate commands.**



CONCLUSION:

In this lab we sketched the detailed diagram with our previous knowledge.