

**Course Title: AUTO CAD 2D ESSENTIALS**

**Course Code: DS 107**

**Course Background / Summary:**

This course covers the introduction and understanding of basic design using AutoCAD software. At the end of this course, the participant should be able to design and construct a basic design by manipulating all commands applied in AutoCAD. It focuses mainly on the approach and understanding of design and distinguishing different commands and functions of AutoCAD for designing 2D.

**Course Objectives:**

- Describe the basic design of the AutoCAD software for implementing of 2D part design
- To present drawing in 2D by AutoCAD software detail with dimension and standard design approach.

**Target Audience:**

- Electricians, Technicians, Engineers, Instructors

**Course Duration: 3 Days**

**Course Contents**

**1.0 Introduction to AutoCAD**

**2.0 Work with Commands**

**3.0 Drawing Setup**

**4.0 Draw Objects**

**5.0 Precision Drawing**

**6.0 Make Modifications**

**7.0 Add Symbols and Hatches**

**8.0 Add Text and Dimension to a Drawing**

**9.0 Create Layouts and Plots**