

**Course Title: PICTORIAL AND MACHING
DRAWING****Course Code: DS 111****Course Background / Summary:**

This course teaches participants orthographic drawing using part samples, stationery, a drawing board and a measuring instrument, whereby the part sample is measured, orthographic drawing is drawn and part drawing specification is confirmed in accordance with drawing standard requirements. The machine drawing module will give them an understanding of the meanings of various lines used in engineering drawings, recognize the various symbols used to convey information, read and draw section views in engineering drawings, determine common geometric symbols and definitions, merge part drawings and finally students should be able to draw assembly drawing.

Course Objectives:

- Will be able to use manual technical drawing equipment in order to develop pictorial and machine drawings.
- They will be able to interpret the pictorial and machine drawing.

Target Audience:

- Mechanical engineers, Technicians, Mechanical lecturers

Course Duration: 3 Days**Course Contents****1.0 Orthographic Drawing****2.0 Isometric Drawing****3.0 Oblique Drawing****4.0 Sectioning Drawing****5.0 Assembly Drawing**