



EDO UNIVERSITY IYAMHO
Department of Mechanical Engineering
GEE 214 Engineering Drawing



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COURSE CODE GEE 214: ENGINEERING DRAWING (2 UNITS)

Use of drawing instruments, lettering, dimensioning, layout of engineering drawing. Engineering graphics – Geometrical construction of shapes, conic sections – ellipse, parabola and hyperbola. Development and intersection of curve and solids. Projection of lines, planes and solids. Orthographic and isometric projections with simple examples, thread fasteners. Pictorial/Freehand Sketching, conventional practices. Introduction to Computer graphics. AutoCAD: Getting started with AutoCAD, intermediate AutoCAD, introduction to 3d drafting, Advanced AutoCAD. Application of AutoCAD in Engineering Drawing, Civil, Electrical, Mechanical and other Engineering Designs.



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