BLD228: Building Drawings II (2 Unit)

Department of Building Technology

Covenant University
1. BLD228
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Graphics & Descriptive Geometry: Exercises to include simple solids with solids, simple geometrical solids, construction of simple geometric forms, n-sided polygon in a given circle, n-sided polygon with a given side; construction of curves, circle, ellipse, parabola and hyperbola, involutes to a square, circle, cycloid and Archimedean spiral, locus of a point, link mechanisms, intersections of more complicated geometric forms, developments of surface of solid, geometrical figures before and after intersection; Perspective drawings; Geometric constructions including paths of points, simple mechanism; Projections and lines; surfaces and solids in space; Orthographic projections in first and third angles Applications of principles of orthographic projections including Planes, Orthographic views of simple objects isometric and oblique projections. Exercise on simple building elements like steps, doors etc.