

IClass GD-121-Basic Drafting

LECTURE NO 10: ISOMETRIC/DIMETRIC/TRIMETRIC PROJECTION

Introduction of the Lecture:

Axonometric projection is a type of orthographic projection used for creating a pictorial drawing of an object, where the lines of sight are perpendicular to the plane of projection, and the object is rotated around one or more of its axes to reveal multiple sides.

The three types of axonometric projection are isometric projection, dimetric projection, and trimetric projection, depending on the exact angle at which the view deviates from the orthogonal.

Typically in axonometric drawing, as in other types of pictorials, one axis of space is shown as the vertical.

Video Link for demonstration.

- 1) <https://www.youtube.com/watch?v=2BaEBFxgaIQ>
- 2) <https://www.youtube.com/watch?v=TRXWtN37Nyk>