

**AMERICAN INTERNATIONAL UNIVERSITY-BANGLADESH (AIUB)**

Faculty of Engineering

Bachelor of Science in Electrical and Electronic Engineering (EEE)

BAE 2101: Computer Aided Design and Drafting

Experiment # 04: Familiarization with different isometric projections and drawing using AutoCAD software.

Objective: To familiarize the students with the different isometric view and draw the isometric view using AutoCAD Software.

Example 4.1: Draw the given isometric projection (dimensions are in INCH)

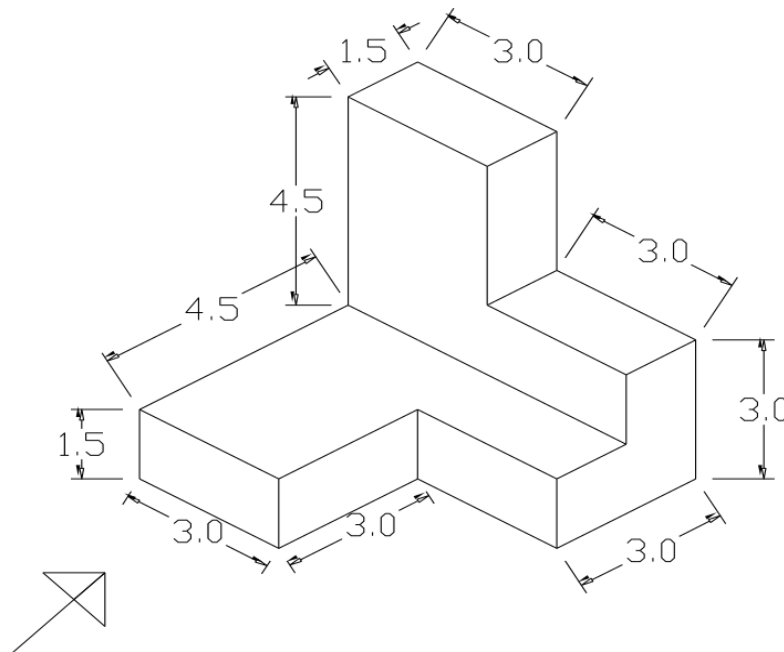


Figure 4.1: Isometric projection

Example 4.2: Draw the given isometric projection (dimensions are in FEET)

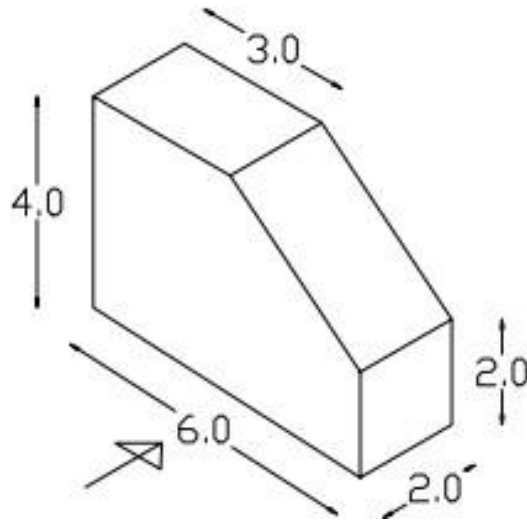


Figure 4.2: Isometric projection

Example 4.3: Draw the given isometric projection (dimensions are in INCH)

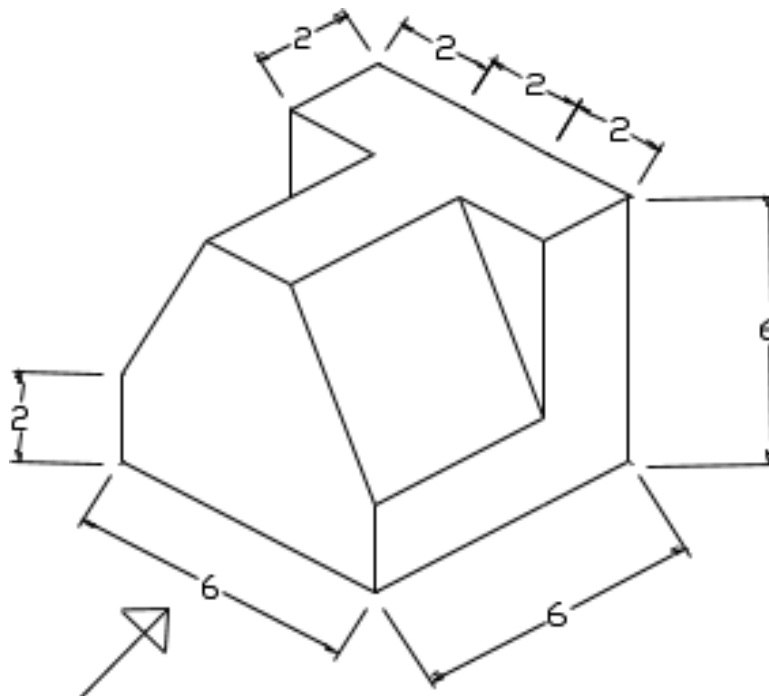


Figure 4.3: Isometric projection

Example 4.4: Draw the given isometric projection (dimensions are in INCH)

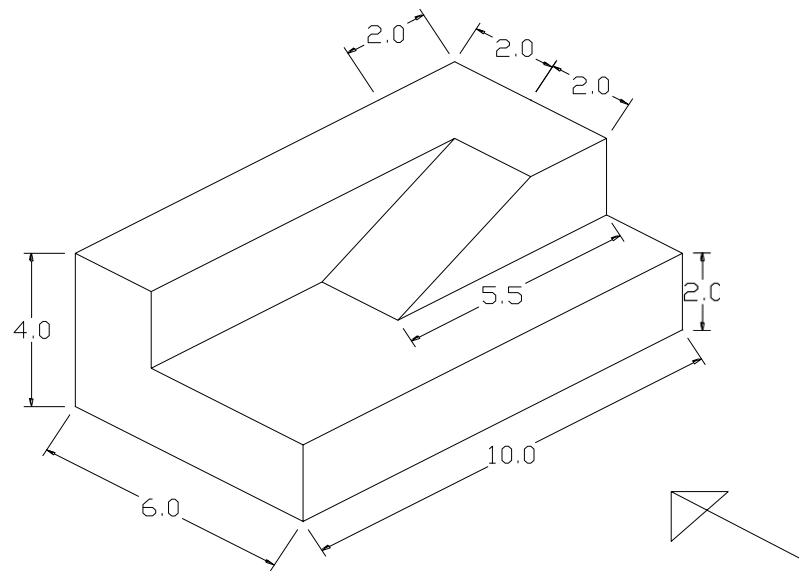


Figure 4.4: Isometric projection

Example 4.5: Draw the given isometric projection (dimensions are in INCH)

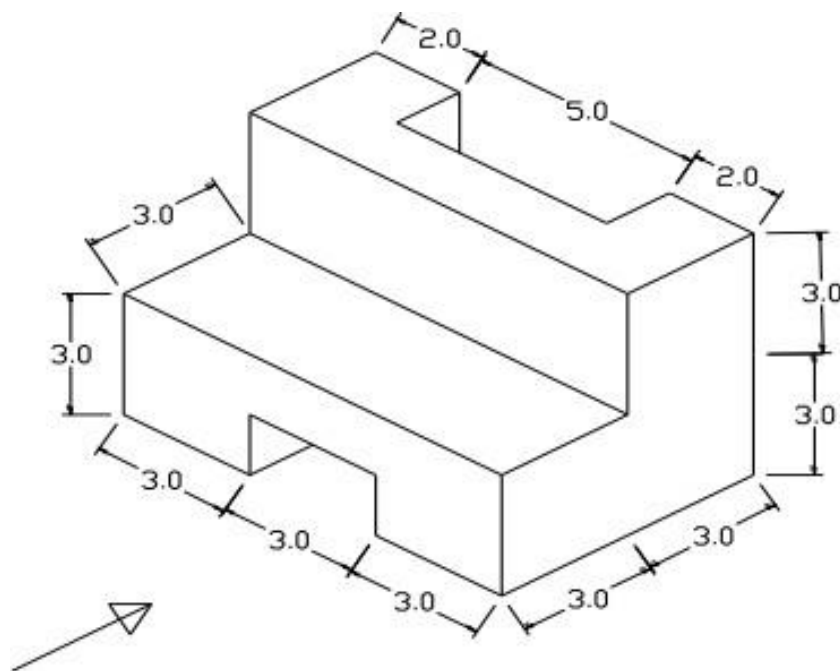


Figure 4.5: Isometric projection

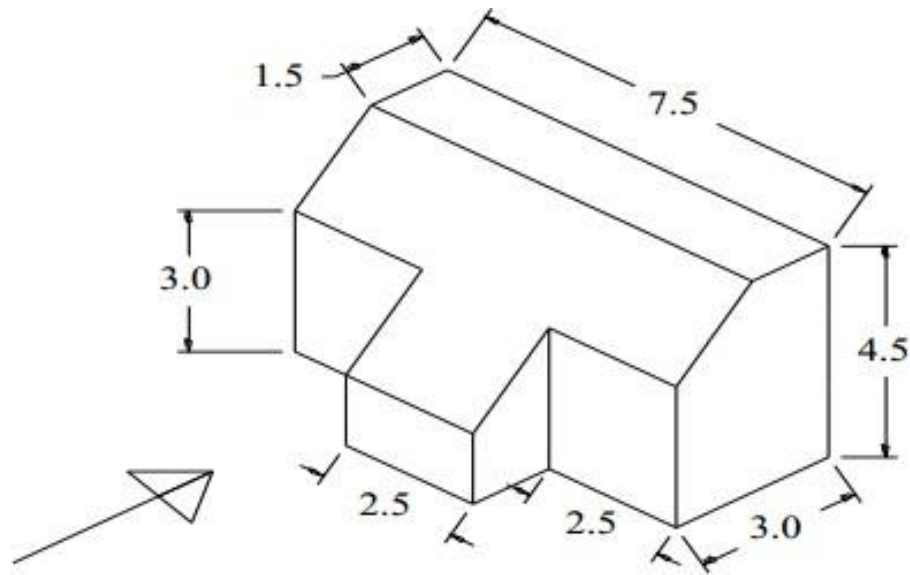
Example 4.6: Draw the given isometric projection (dimensions are in FEET)

Figure 4.6: Isometric projection

Reference

- [1] David Byrnes and Mark Middlebrook, “AutoCAD 2007 For Dummies”.
- [2] Jeyapoovan T, “Lesson Plans for Engineering Graphics”.