

Lecture Class Assignment #3

Lecture: "Sketching for Engineers"

William Bullock, Professor and Chair, Industrial Design

Tuesday, Sep 12, 8:00-8:50 am 1320 DCL

Thursday Sep 14, 8:00-8:50 am 1320 DCL

Lab sections in 1009 MEL {EWS lab}

-Sketching

What is a sketch?

Why sketch? Advantages? Disadvantages?

Materials, technique and speed

Sketching lines, planes, squares and polygons

-Square; a 2D unit of measure

-Circles and ellipses; polygons

-Orthographic sketching {2D}; target points, lines and planes

-Oblique sketching {3D}

- Isometric Sketching {3D}

Sketch along with the Instructor and hand in finished sketches at the end of class on Thursday. Complete at least one isometric cube shape similar to those on the following page, as part of this exercise.

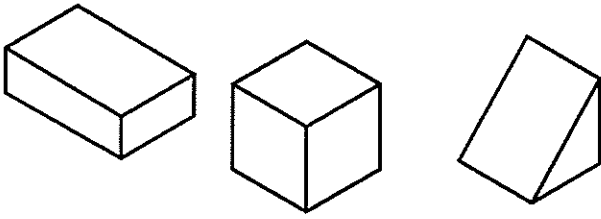


Fig 14

