

ENG 004 Lecture 5, Oct 11, 2012

Announcements

- Homework #2 is due Tuesday.
- Read Chapter #2 and beginning of Chapter #5
- Wait listed students will be notified by tomorrow

Topics

Use of grids

3D to 2D, 2D to 3D

Drawing tips

Drawing

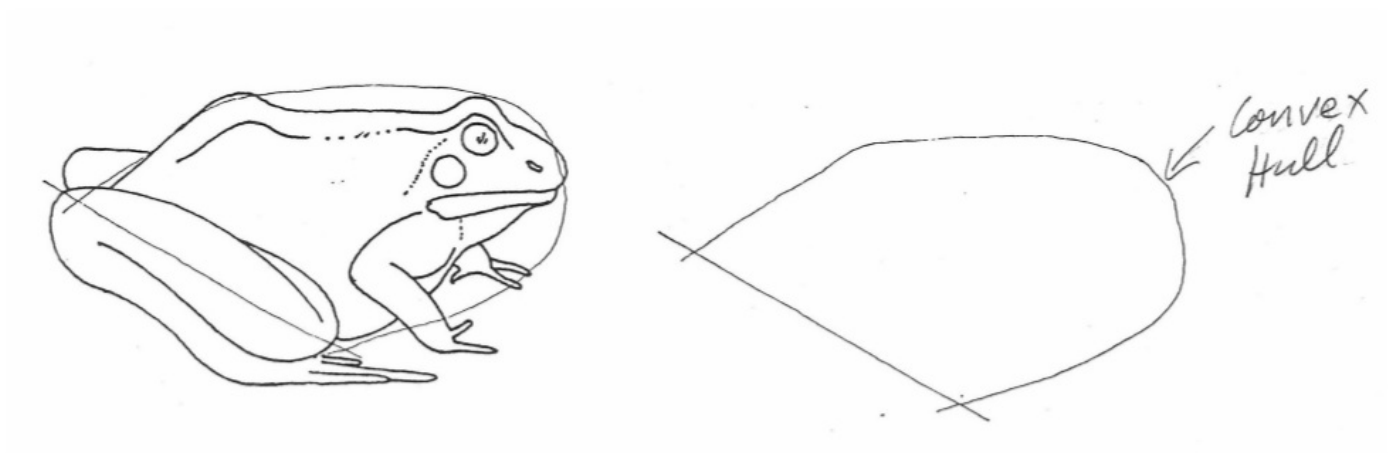
- Drawing is a fundamental communication **skill**
- See detail in order to render basic shape, size, and proportions
- The contours are critical in recognizing an object and drawing it
- Practice is essential
- Learn to "see" things as if you were expecting a visual quiz

Grids

Grids are simple drawing aids to establish an object's shape, size, and proportion

Simplest Grid

Gross outline of the object



Superimposed Grid

Most basic "crutch" for reproducing shapes.

Can be measured on object and/or paper or mentally superimposed

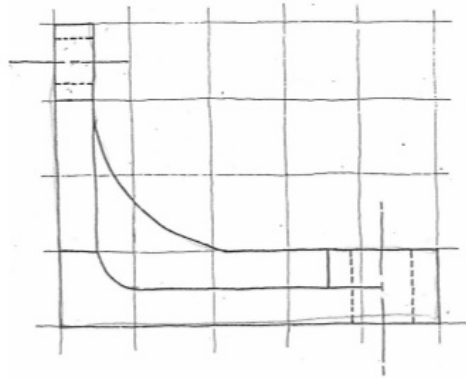
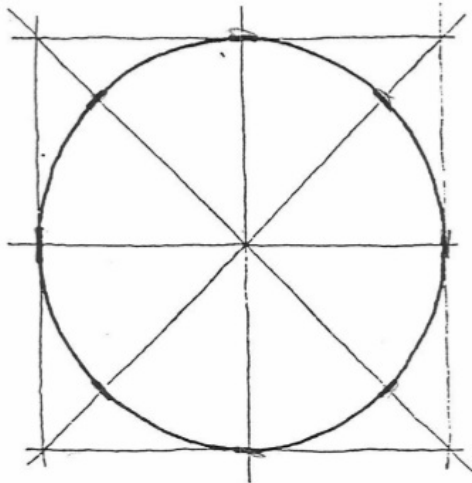


FIGURE 1 - A SUPERIMPOSED GRID

Drawing Circles

Square grid + diagonals

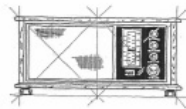
Diagonals help recognize squareness



The Perfect Circle

youtu.be/eAhfZUZiwSE

Shadows and Texture



NOTE THE USE OF WHITE SPACES IN HAVING PROGRESSIVE DARK SHADINGS. DARK SHADINGS ARE ALWAYS PLACED "EARLY" (FIRST) IN SOME SHADING. RED SHADINGS ARE ALMOST ALWAYS DARK IN PLACES.

FIGURE 3
TEXTURE CAN SOMETIMES BE IMPLIED BY A FEW LINES. NOTE CURVE AND SHADE IN FIGURE 3.

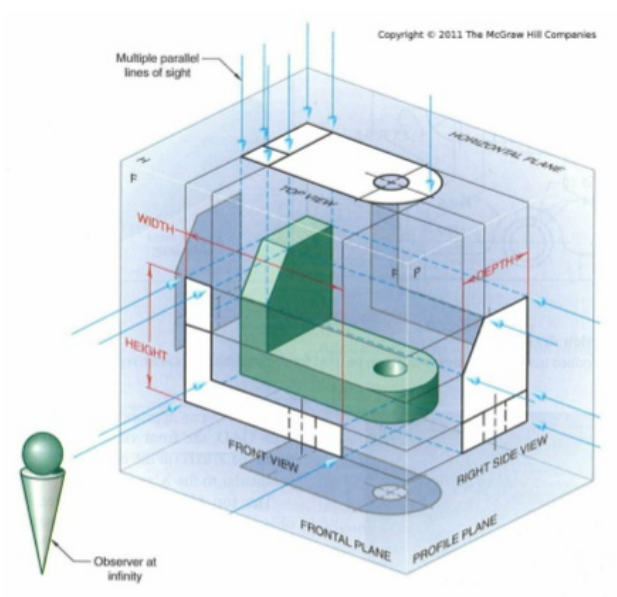


FIGURE 4
LEARN SHADING BY LOOKING AT THE SHADINGS. NOTICE HOW LIGHT BEHIND EACH SHAPE MAKES SHADINGS AND SHADINGS. THESE FIGURES 5 AND FIGURE 5.

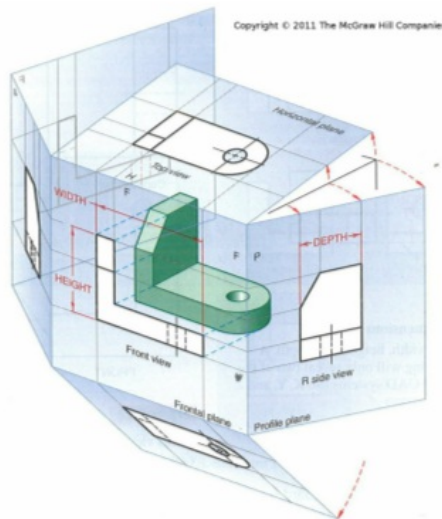


FIGURE 5

Multiview Drawings

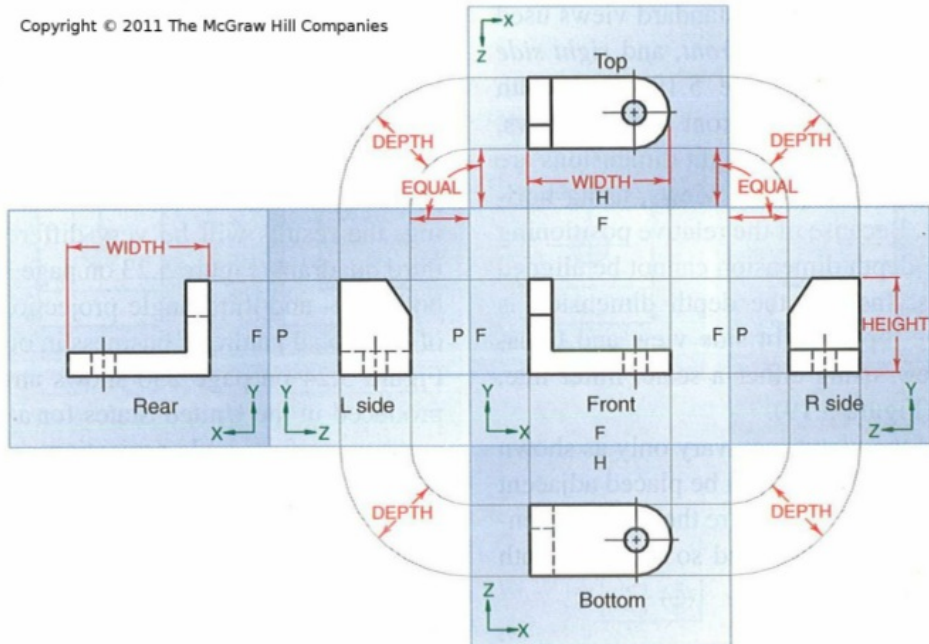


Multiview Drawings



Multiview Drawings

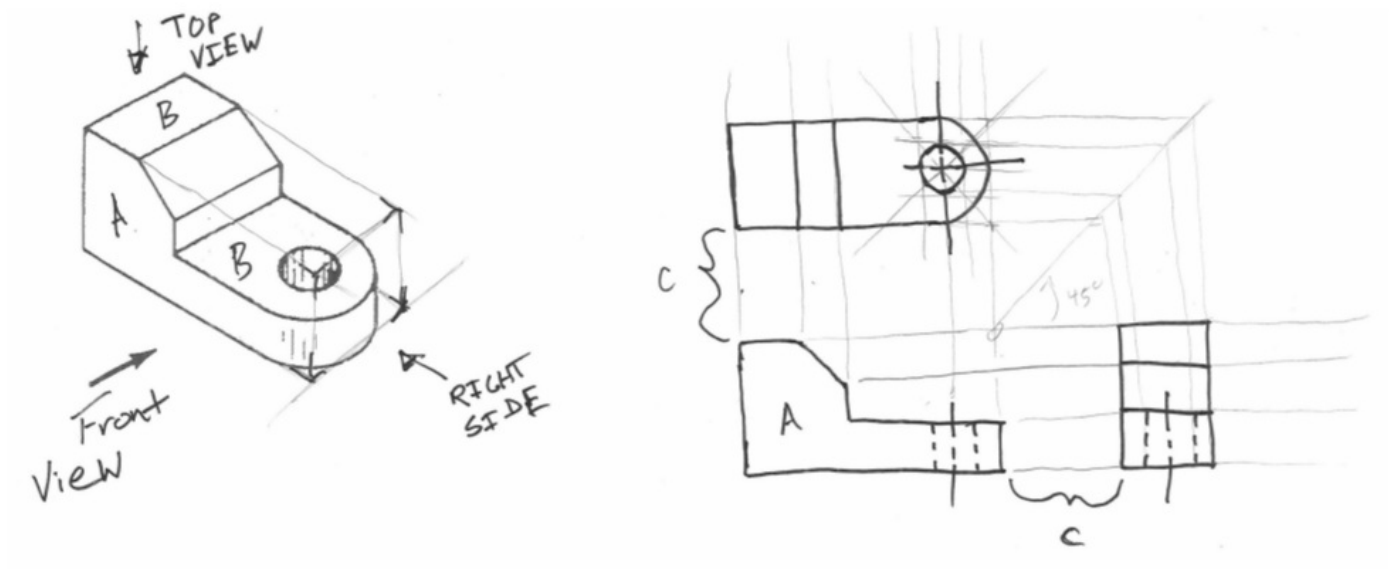
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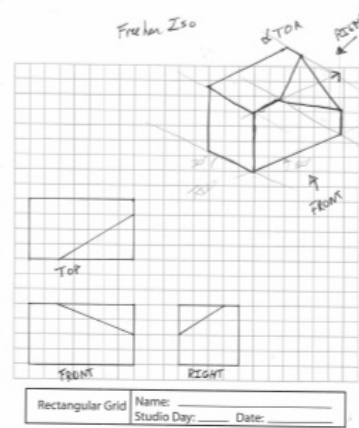
Miter Line

Animation

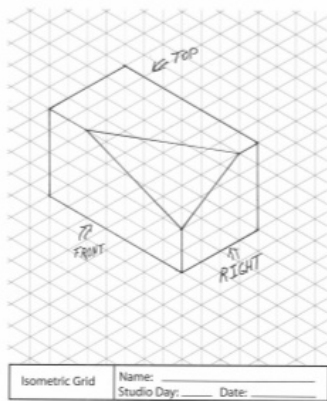
Multiview Freehand Sketch Example



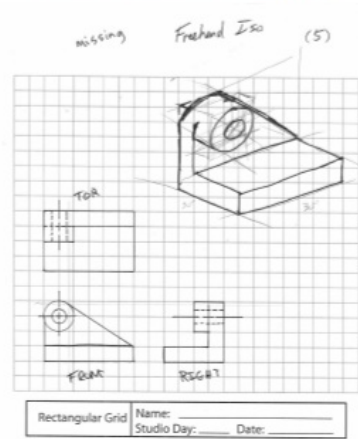
Freehand Isometric Example



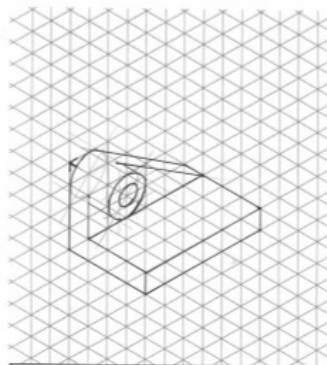
Mechanical Isometric Example



Freehand Isometric Example



Mechanical Isometric Example

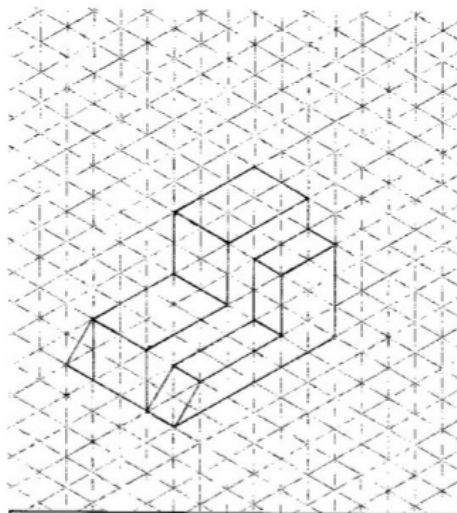


Isometric Grid	Name: _____
	Studio Day: _____ Date: _____

Isometric In Class Assignment



Isometric In Class Assignment



Isometric Grid	Name: _____ Studio Day: _____ Date: _____
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