

Engineering Virtual Learning

HS Introduction to Engineering Design Lesson #32

May 19, 2020



Objective/Learning Target: Students will Learn about the use of Line Weight in Drafting.

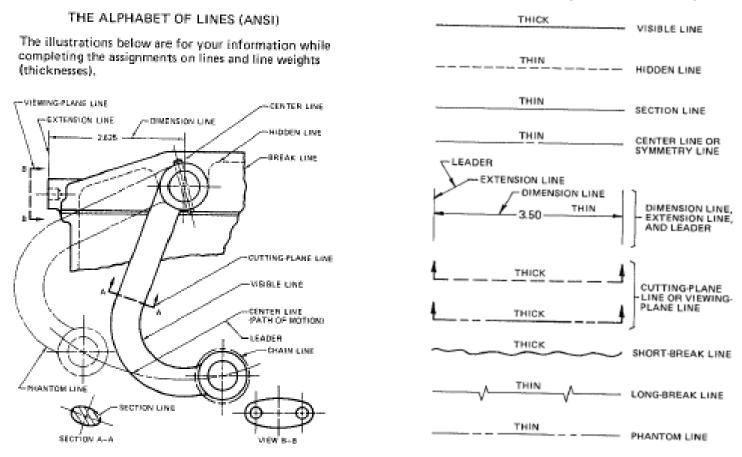
Bell Ringer:

Watch these videos about line weight. https://www.youtube.com/watch?v=YEYQe_81M4U https://www.youtube.com/watch?v=YROiMGiKUf0

How can Line Weight affect your drawings?

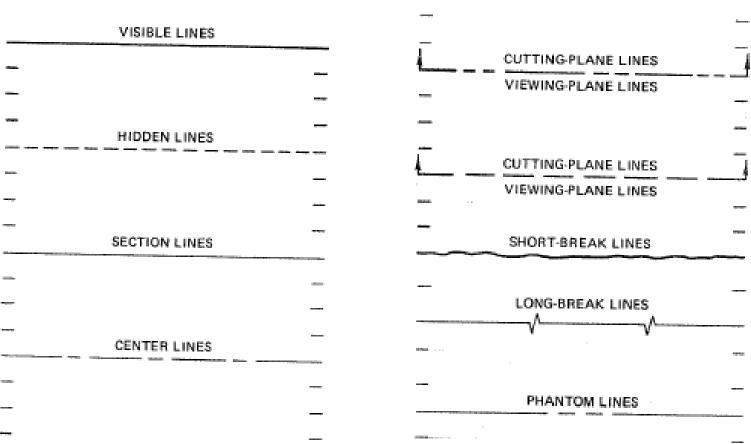
Learning Practice: Line Weight Activity

Use the examples below to complete the activity on the next page in your engineers notebook:



ASSIGNMENT

Using pencil, draw additional lines that match the density and width of the printed samples shown below.



DIMENSION LINES

-

 $3\frac{1}{2}$

Learning Resource Links:

Line Weight:

https://www.youtube.com/watch?v=YEYQe_81M4U https://www.youtube.com/watch?v=vh-QKKRFD14

Concept Sketching: https://www.youtube.com/watch?v=z8_-J8V6E38 https://www.youtube.com/watch?v=s80WqMyVIsY

Grid and Isometric Graph paper: https://www.printablepaper.net/category/isometric_graph