

Technical Graphics Notes

jcS - 5/29/2013

1. [Intro: Design, Documentation, Communication \(1.1\)](#)
2. [2D Sketching \(1.3a, 1.3b, 1.3c, 1.3d, Rectangular Grid\)](#)
3. [Lettering \(1.2\)](#)
4. [Pictorial Drawings \(1.9a, 1.9b, Isometric Grid\)](#)
5. [Multi-view drawings \(1.6a, 1.6b\)](#)
6. [Visualization \(1.10a, 1.10b, 1.10d, 1.10e, 1.10f, 1.10g\)](#)
7. [Auxiliary views \(1.11a, 1.11b, 1.11c, 1.11d\)](#)
8. [Section Views \(1.12a, 1.12b, 1.12c, 1.12d, 1.12e, 1.12f\)](#)
9. Basic Dimensioning (Location / Size)
 - a. [Standard Dimensions - Details](#)
 - b. [Practice Problems \(1.16a, 1.16b, 1.16c, 1.16d, 1.16e, 1.16f, 1.16g, 1.16h, 1.16i\)](#)
10. Limit Dimensions
 - a. [Equations](#)
 - b. [Basics \(1.18a, 1.18b\)](#)
 - c. [Standard Limits \(1.18c\)](#)
 - d. [EndPlay \(1.18d, 1.18e\)](#)
 - e. [Application \(1.18f-1, 1.18f-2, 1.18g, 1.18h, 1.18i, 1.18j, 1.18k\)](#)
11. [Standard Parts \(1.19a, 1.19b\)](#)
12. [Working Drawings \(1.15a, 1.15b\)](#)
 - a. Parts - [Models, Drawings, Assemblies-Model and Drawings, Communication \(ppt\)](#)
13. Geometric Dimension / Tolerancing
 - a. [Intro](#)
 - b. [Feature Control Frames](#)
 - c. [Material Condition](#)
 - d. [Position](#)
 - e. [Virtual Condition](#)
 - f. [Review](#)