Technical Graphics:

- Standard Dimensioning
  - Practice problems
Standard Practice

☐ **DO**
- “Apply the Standard”
- Use Good References
- Use “Good Examples”

☐ **DO NOT**
- “This is the way I’ve always done it”
- “This is the way I was taught”
- “This is the way the company I work for does it”
Standard Practice - Guidelines
(Jim’s Version)

☐ **DO**
- Include overall dimensions
- Place dimensions in the contour / best view
- Keep dimensions between views

☐ **DO NOT**
- Cross dimension lines
- Crowd dimensions
- Repeat dimensions

8/27/2010 - jcs
Example
Gr 1.16a
Example: Gr 1.16a
Example: Gr 1.16a
Example
Gr 1.16b
Example: Gr 1.16b
Example: Gr 1.16b
In-class
Gr 1.16c
Example
Gr 1.16d

1. COMPLETELY DIMENSION THE GIVEN OBJECTS.

2. NOTES:

DATE: 8/27/2010  INSTR: jcs
NO. 1  SEC: 1
TITLE: Basic Dimensioning
PROF: 1.16C
GRADE: 1.16C

Practice Problems
Example: Gr1.16d
Example:
Gr1.16d
Example
Gr 1.16e

Standard Dimensioning
Practice Problems
Example:
Gr 1.16e

[Diagram of a mechanical part with dimensions and annotations]

Part Name:
Part Number:
Quantity Required:
Material:
Scale:
Example
Gr 1.16f
Example
Gr 1.16g
Example
Gr 1.16h

Standard Dimensioning
Practice Problems
Example 1
Example 1: Solution
Example 2