ME 1403 Engineering Practice & Graphics Fall - 2017

Lecture 21

Chapter-15

Instructor: Syed Hasib Akhter Faruqui

Email: shafnehal@gmail.com

Outline

• Topics

- Annotation
 - Surface Finish
 - Hole Callout
 - Balloon Callout
 - Revision Cloud
 - Bill of Materials
- Adding Sheet
- Today's Task (Will be Graded)
 - Tutorial 1
 - Tutorial 2
 - Exercise 1

Tutorial 1 (Will be Graded)

In this tutorial, first you will open the drawing created in Tutorial 2 of Chapter 9 and then-

- 1. Generate dimensions and add annotations to it.
- 2. Change the display of the front and the right view to make hidden lines visible.
- 3. Finally, you will change the display of the isometric view to the shaded mode



Tutorial 2 (Will be Graded)

Generate the Bill of Materials (BOM) of the Bench Vice assembly and then add balloons to the isometric view in the exploded state



File Name: Your ID_Ch15Tut2

Exercise 1 (Will be Graded)

Generate the isometric view of the exploded view of the assembly created in Tutorial 1 of Chapter 13 on the standard A4 sheet format.

- 1. The scale of the view will be 1:5.
- 2. Generate the BOM and
- 3. Add balloons to the assembly view



Submission Rules

- Homework's are due at the <u>beginning of the first lab</u> of the following week.
- Quiz's will be taken.
- Submit everything via **<u>Blackboard</u>**.
- Copying your assignments are prohibited. If you do so, you and the individual you copied from will receive a grade zero, plus both of you will be referred for actions as described in the university's policy for academic dishonesty. (Read Section 203 of the Student Code of Conduct 2013-2013 UTSA Information Bulletin.).

Submission Rules

- Any submission after deadline <u>will not be accepted</u> and thus <u>will</u> receive a grade of zero.
- Grading Criteria for Late Submission:
 - Submission on Time : 100%
 - Submission a week late : 75%
 - Submission two week late : 0%
- Naming Convention for your submission files:
 - (your myUTSA id)_(Number/Name of the HomeWork)
- For Example if your myUTSA id is "*abc123*" and You are submitting "*HW1*". Then your submission file name should be "*abc123_HW1*".