ME 1403 Engineering Practice & Graphics

Lecture 5

Chapter-3

Instructor:

Syed Hasib Akhter Faruqui

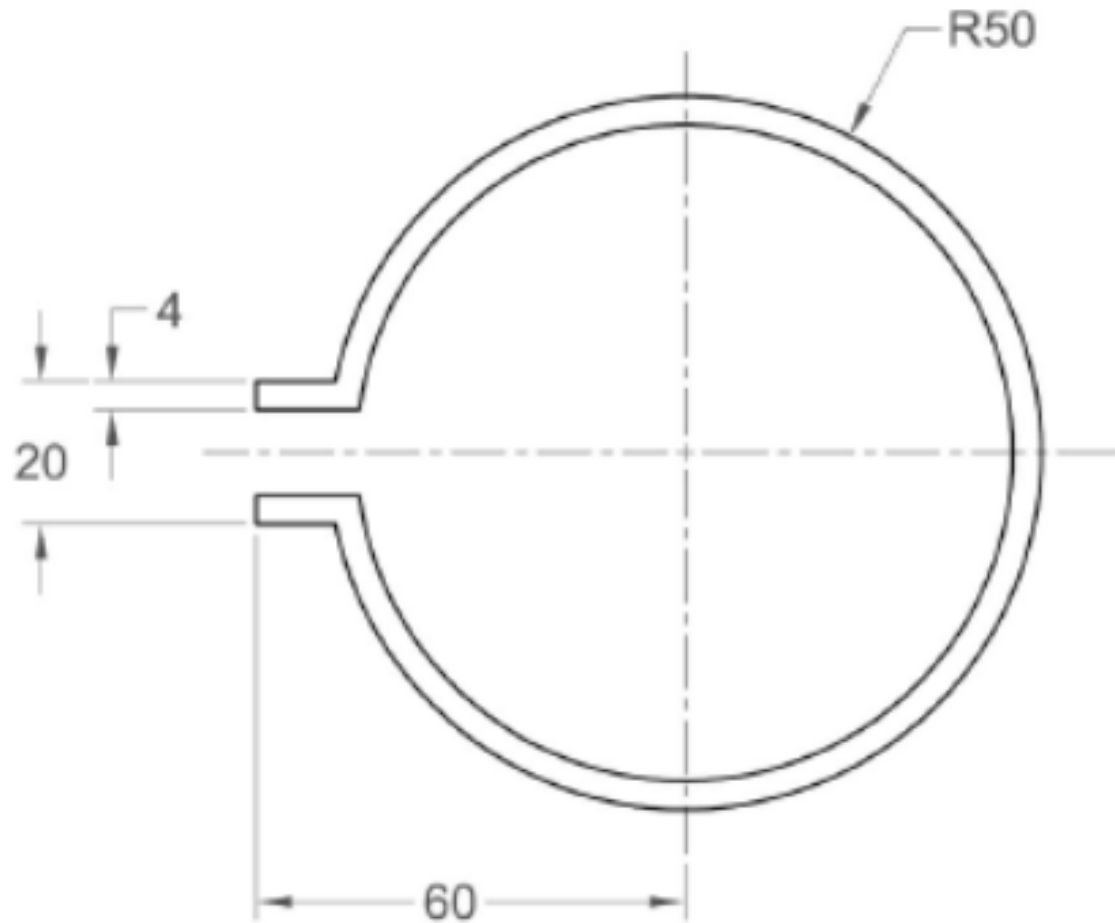Email: shafnehal@gmail.com

Announcement!
Quiz 1 (Next Class)

- Topics:
  - Chapter 2
  - Chapter 3
    - Fillet/Chamfer
    - Trimming/ Extending
    - Offsetting
- Time
  - 15 minutes

Outline

- Tools / Methods
  - Mirror
  - Convert Entities
  - Intersection Curve
  - Moving / Rotating/ Scaling/ Stretching
- Discussion
  - Relations
  - Tolerance
  - Dimensioning Styles
- Home Work
  - Tutorial - 2 (Will be Graded)
  - Tutorial - 3 (Will be Graded)
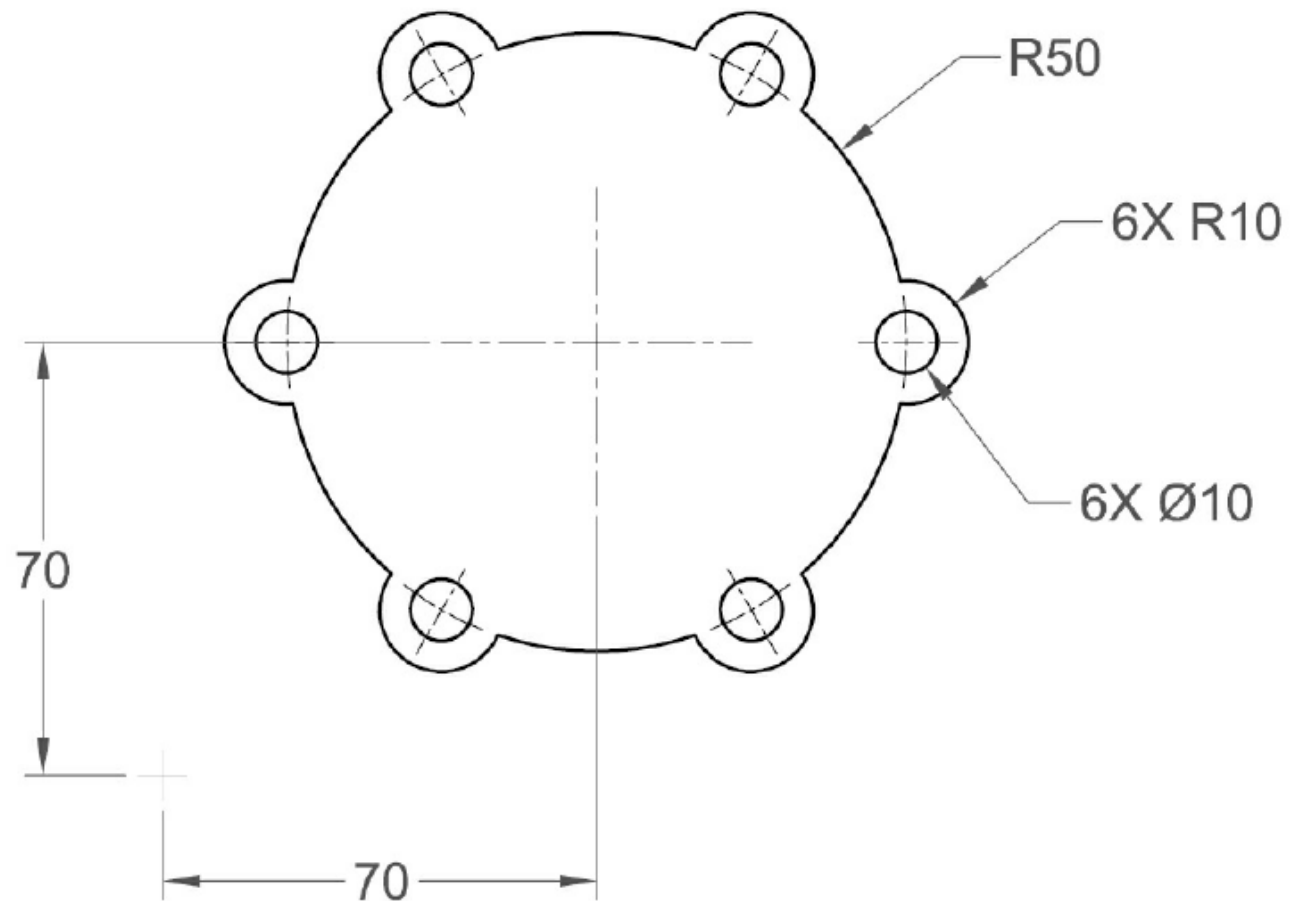 - Exercise- 3 (Will be Graded)

Tutorial 2 (Will be Graded)

R50

4

20

60

Tools to use:
1. Offsetting
2. Power Trim Tool

File Name: Your Section_Your ID_Ch3Tut2

Tutorial 3 (Will be Graded)
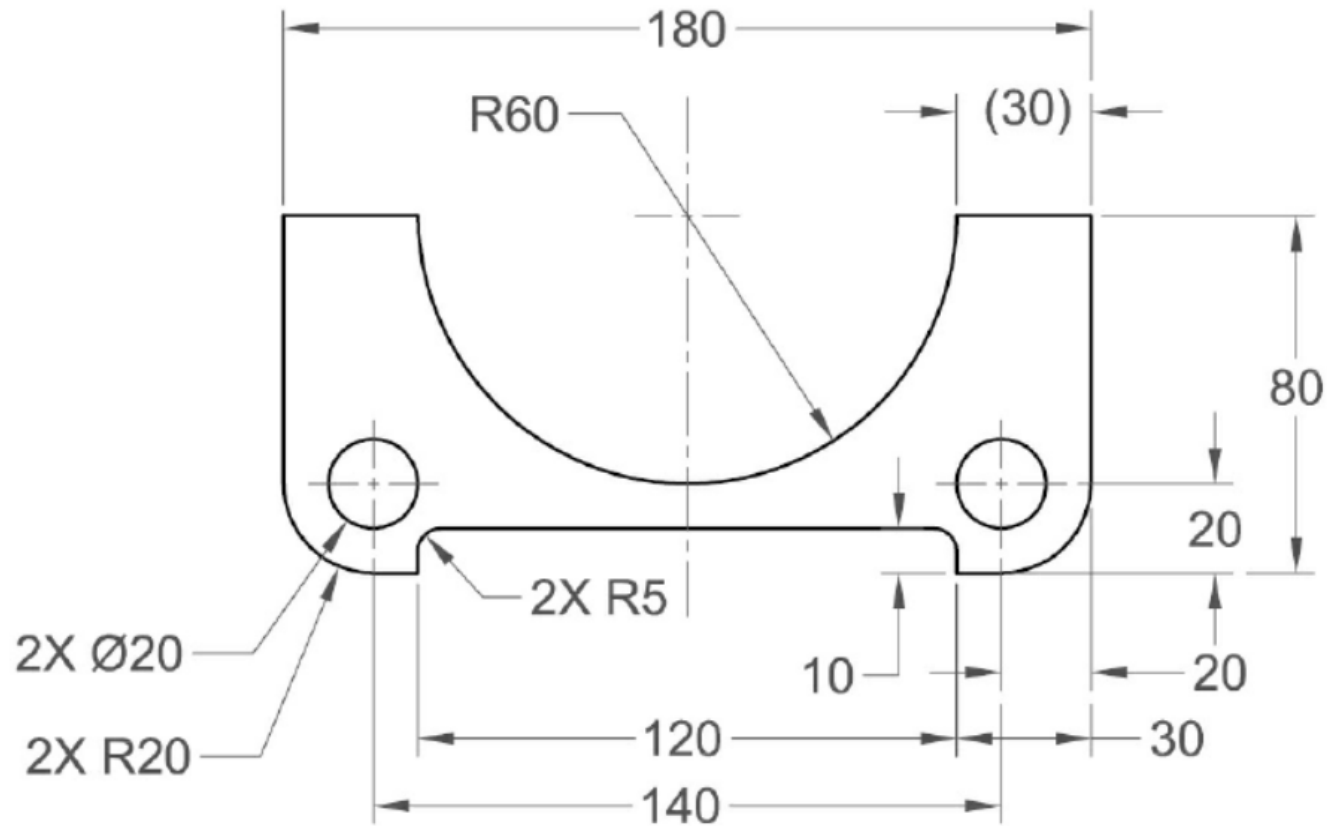

R50

6X R10

6X Ø10

70

70

Tools to use:
1. Circular Pattern
2. Power Trim Tool
3. Construction Lines

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Exercise 3 (Will be Graded)

Tools to use:
1. Setting Sketches for Construction
2. Mirror
3. Fillet

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Submission Rules

- Homework's are due **at the <mark>Sunday 11.59 P.M.</mark>** of the following week (*More Discussion on next class*).

- Quiz's will be taken (*More Discussion on later classes*).

- Submit everything via **Blackboard**.

- 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.)