ME 1403 Engineering Practice & Graphics

Spring 2018

Lecture 3

Chapter-3

Instructor:

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Outline

- Tools / Methods
  - Mirror
  - Convert Entities
  - Intersection Curve
  - Moving / Rotating/ Scaling/ Stretching
- Discussion
  - Relations
  - Tolerance
  - Dimensioning Styles
- Practice
  - Exercise 4
- Home Work
  - Tutorial - 2 (Will be Graded)
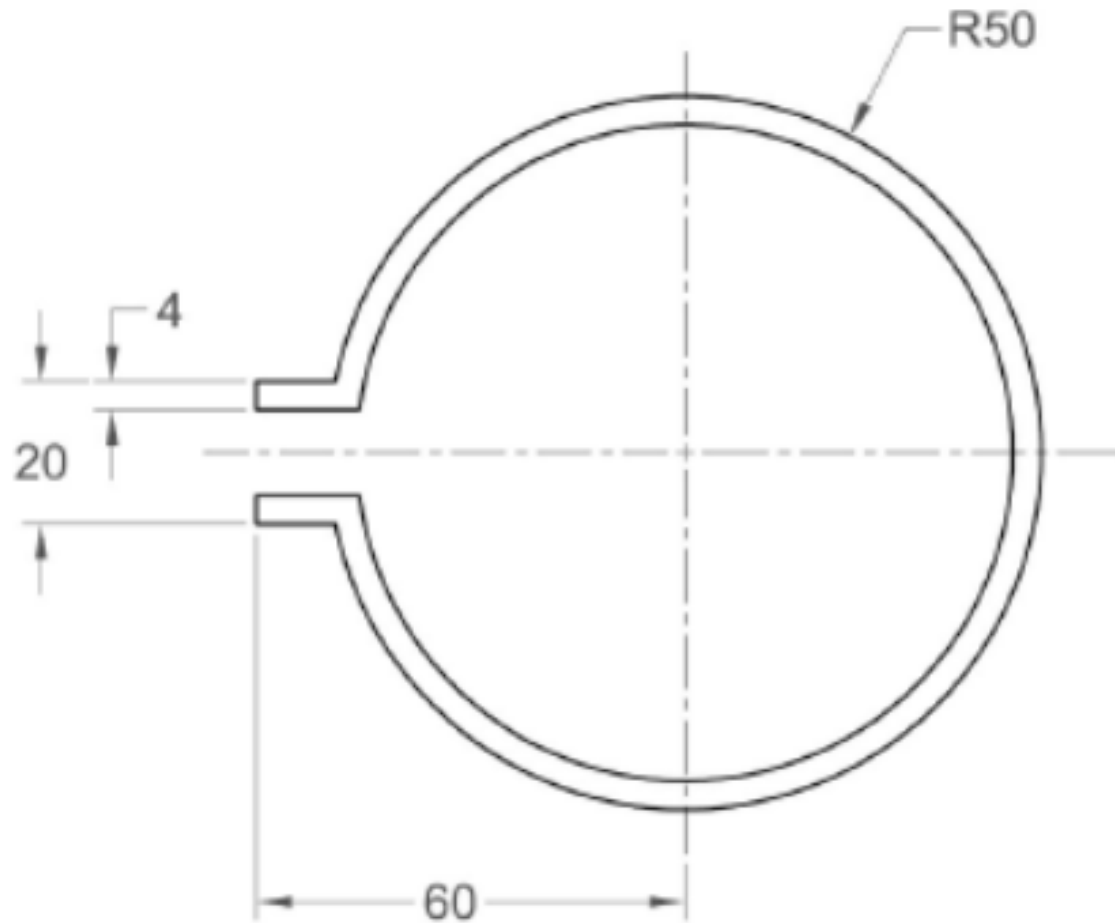 - Tutorial - 3 (Will be Graded)
  - Exercise- 3 (Will be Graded)

Exercise 4 (Practice File)

R40
Ø60
Ø120
6X R10
6X Ø10
45°
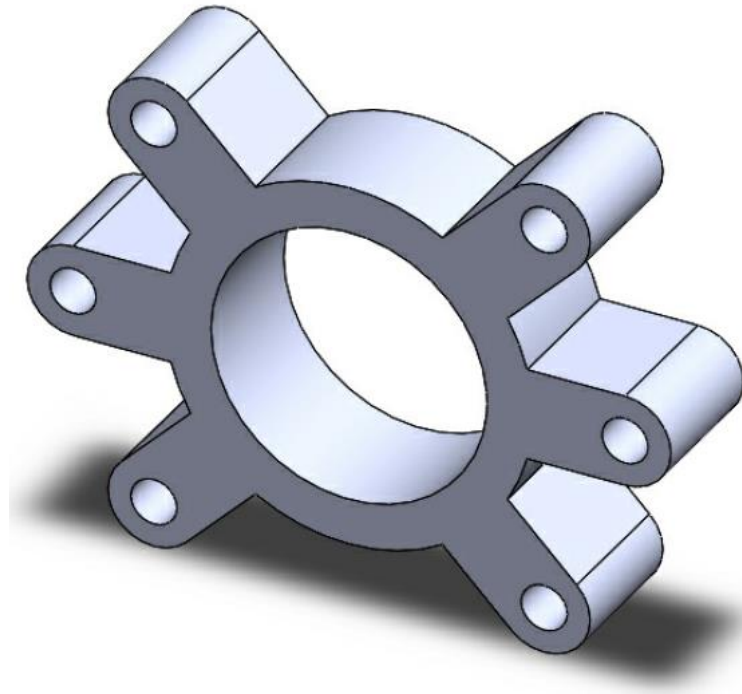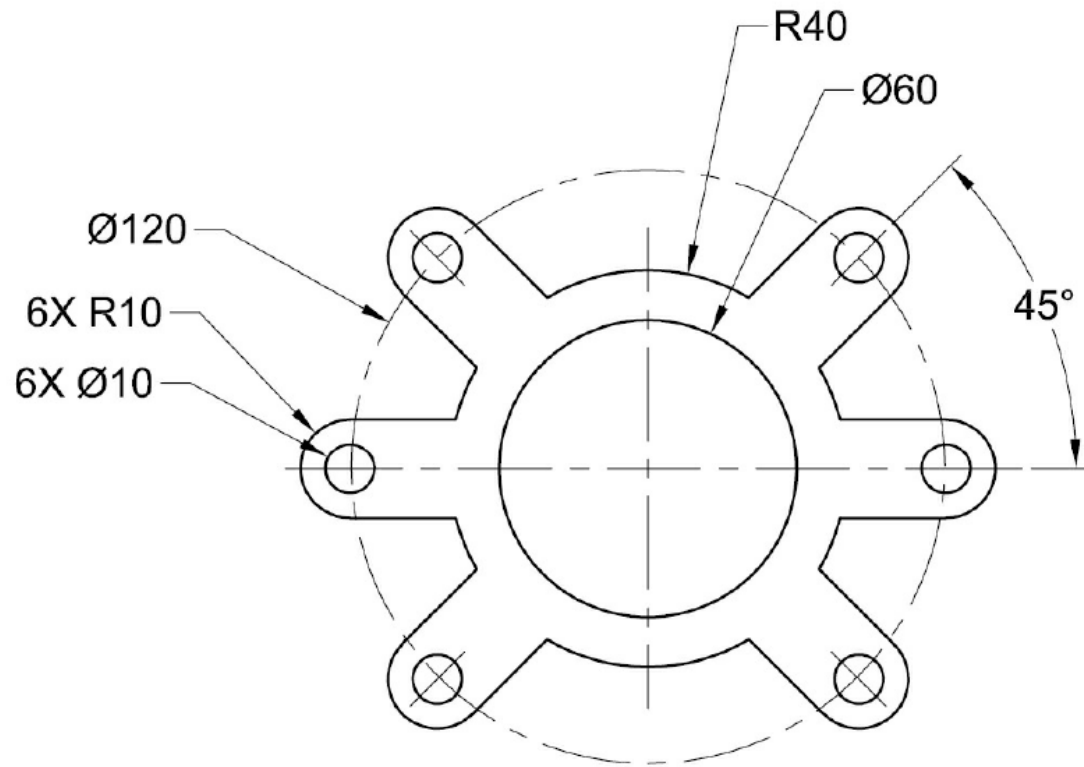
Tools to use:
1. Diameter Measurement
2. Setting Sketches for Construction

Tutorial 2 (Will be Graded)

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

File Name: Your Section_Your ID_Ch3Tut2

Tutorial 3 (Will be Graded)
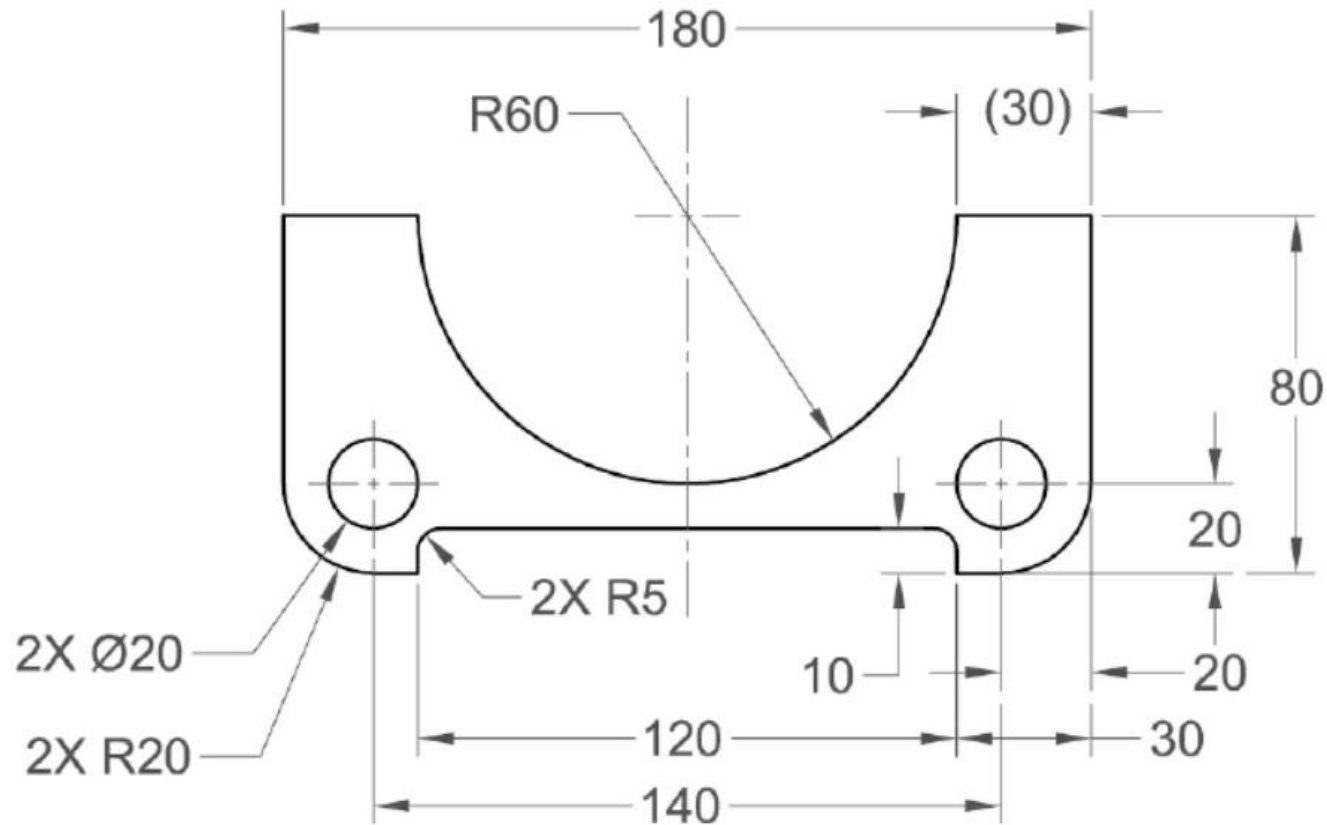

R50

6X R10

6X Ø10

70

70
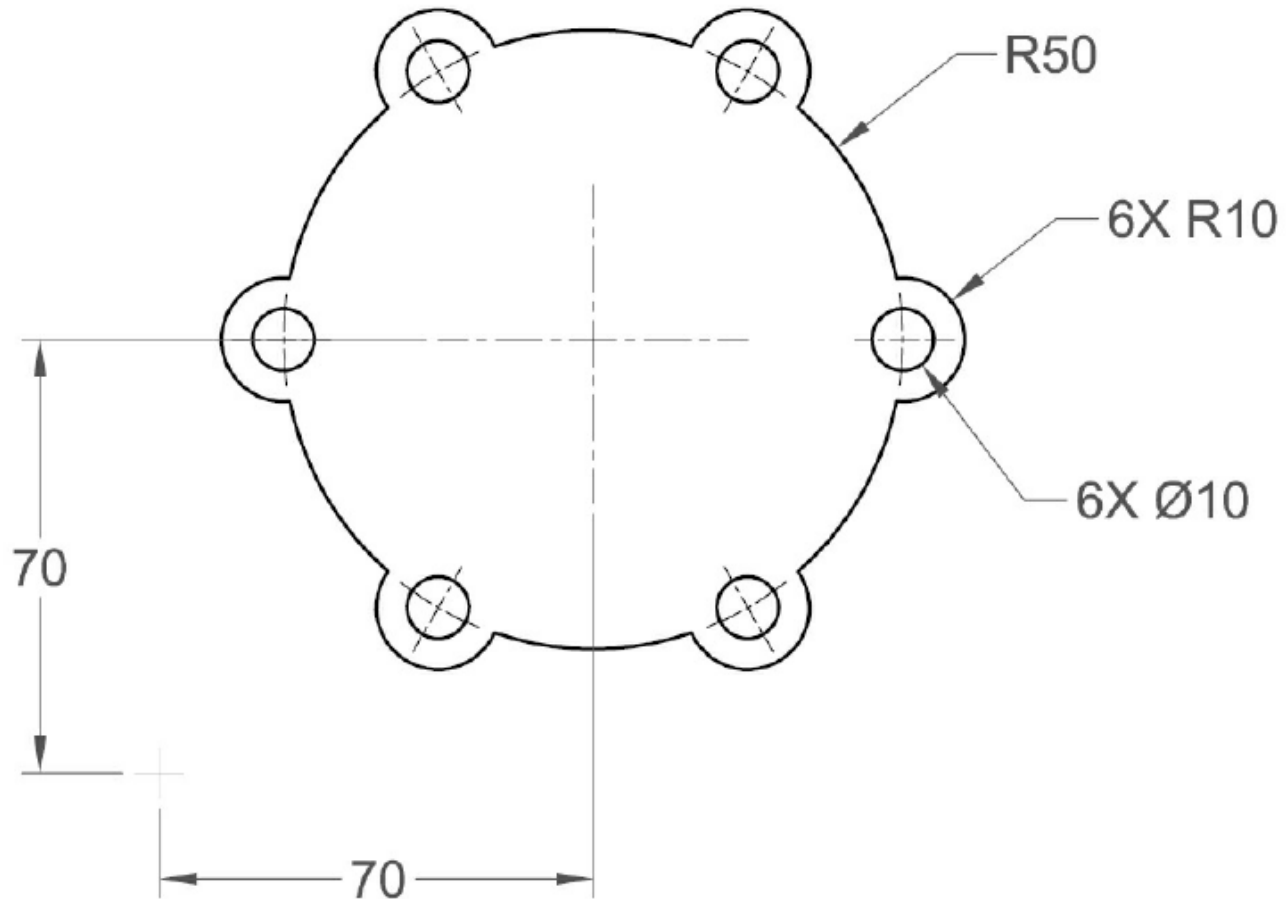
Tools to use:
1. Circular Pattern
2. Power Trim Tool
3. Construction Lines

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Exercise 3 (Will be Graded)

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