

Module 3 - Creating and Modifying Complex Shapes

What are Complex Shapes?

In CorelDRAW, **complex shapes** are made by **combining, reshaping, or modifying basic shapes** like rectangles, circles, or polygons. Instead of drawing complicated artwork from scratch, CorelDRAW lets you build designs using simple tools and smart tricks.

These complex shapes are often used in:

- Logos
- Posters
- Badges
- Decorative designs

Tools Used for Complex Shapes

To create or modify complex shapes, CorelDRAW X7 provides powerful tools:

1. Shape Tool (F10)

- Lets you edit **nodes** and **curves** on any shape.
- Helps in **reshaping, rounding corners, or bending lines**.
- Great for turning simple shapes into creative ones.

2. Weld Tool

- Combines two or more overlapping objects into **one shape**.
- Useful for merging letters or shapes.

3. Trim Tool

- Removes the overlapping part of one object from another.
- Like cutting a cookie shape out of dough.

4. Intersect Tool

- Keeps only the **common part** (overlap) between two shapes.
- Helps make cut-out patterns.

5. Combine Tool (Ctrl+L)

- Joins two objects while keeping their **holes** (like a ring or donut).

How to Create a Complex Shape - Step-by-Step

Example: Create a Badge Logo with a Star Cutout

1. Draw a Circle

- Use the **Ellipse Tool** to draw a large circle (like a badge base).

2. Draw a Star

- Use the **Polygon Tool**, set sides to 5.
- Choose the “Star” option in Property Bar.

3. Place the Star on Top of the Circle

- Use **Pick Tool** to position the star inside the circle.

4. Use Trim Tool

- Select the star, then select the circle.
- Go to **Arrange → Shaping → Trim**.
- The star shape is cut from the circle.

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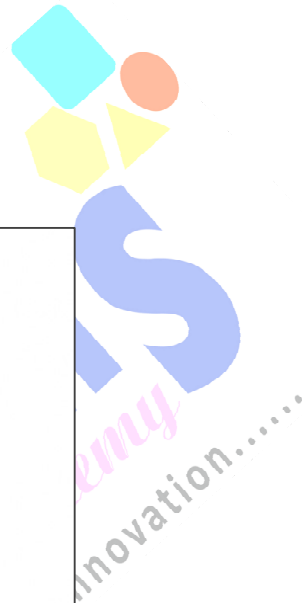
Course & Test Series

Drawing and Shaping Tools

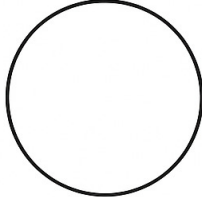
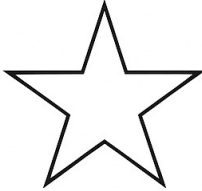
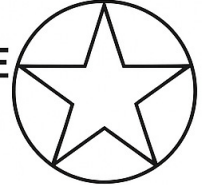


5. Result
- You now have a badge with a star cut out.

Modifying Shapes - Examples

- ◆ **Rounding Corners:**
 - Select a rectangle, use the Shape Tool, and drag corner nodes to round them.
- ◆ **Add or Remove Nodes:**
 - Use Shape Tool on a polygon.
 - Right-click → “Add Node” or “Delete Node”.
- ◆ **Mirror and Rotate:**
 - Flip a shape horizontally or vertically.
 - Rotate using the small handles.



Assignment

1. DRAW A CIRCLE	
2. DRAW A STAR	
3. PLACE THE STAR ON TOP OF THE CIRCLE	
4. USE TRIM TOOL	
5. RESULT	

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