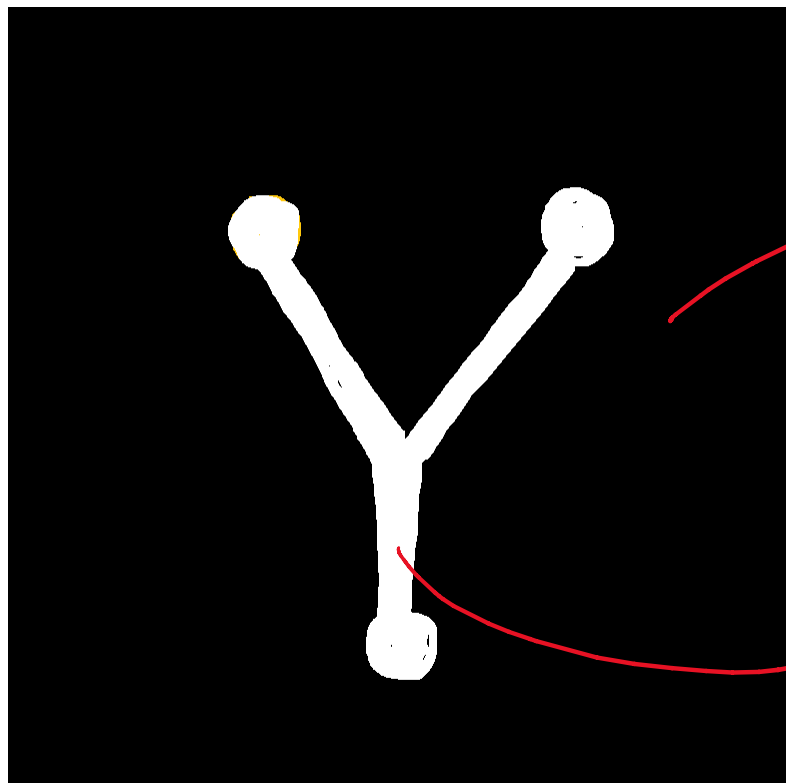# Microfabrication lab design requirements

1) **2D design of structures with any engineering application is strongly encouraged (example: 2D microchannels, 2D auxetics, micro gears etc)**

2) **Design can be performed using any software (CAD software, drawing software).**

3) **Main aspect to remember is that the design can be generate in 2 ways**

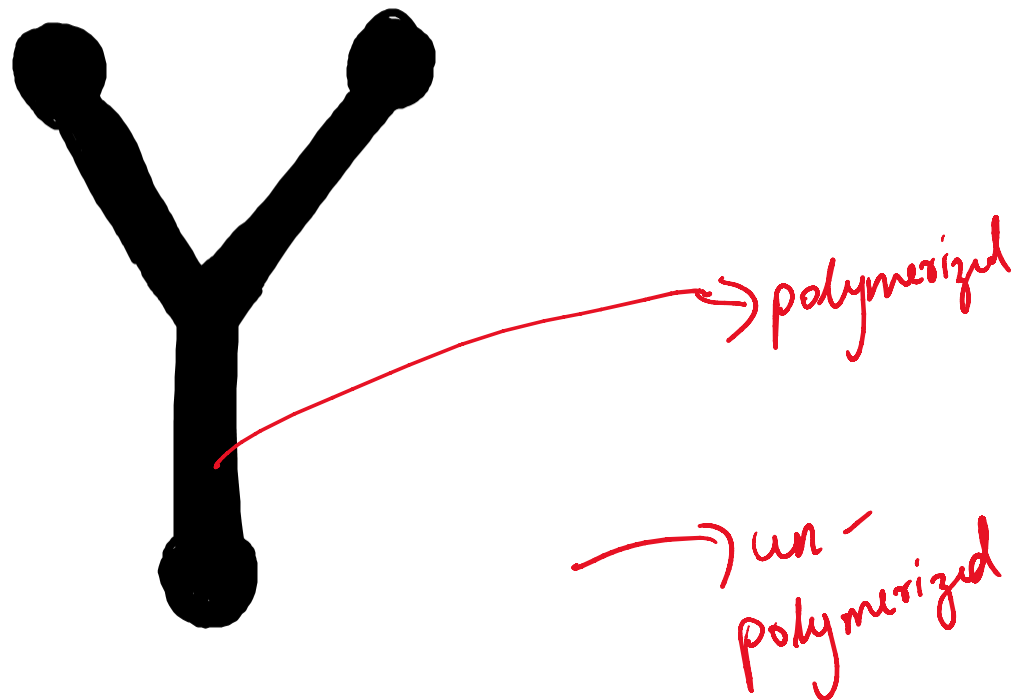   a. **Black background with white lines as shown below**

This configuration is used for design of microchannels where the surrounding is polymerized (solidified) so that a channel is obtained.

b. White background with black curves as shown below.

NOTE:

1) Lines have to be THICK as shown in the figures.
2) Only black or white background must be used.
3) The design must be as large as possible and fit in an A4 size sheet.
4) A brightspace portal will be open for submission of the design in .jpg or .png or .pdf format
5) It is an individual assignment.