

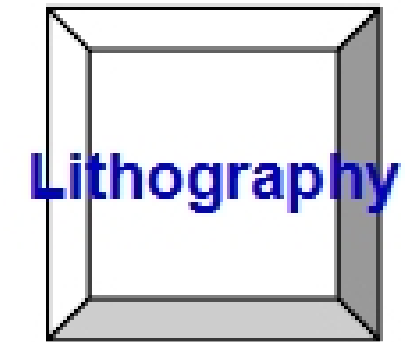
Fabrication Technology, Part I

■ Agenda:

- Oxidation, layer deposition (last lecture)
- Lithography
- Pattern Transfer (etching)
- Impurity Doping

📖 Reading: Senturia, Ch. 3 pp. 50-56.

- Overview
- Components
- Process



Lithography--Overview

- Cleanroom
 - Class 100: the maximum number of particles that are larger than 0.5um is 100 per cubic foot of air
 - Class 10 or 1 for lithography area
- Lithography
 - Technique used to transfer pattern from master copy to surface of solid material
- Photolithography--Lithography via Photons (Light)

