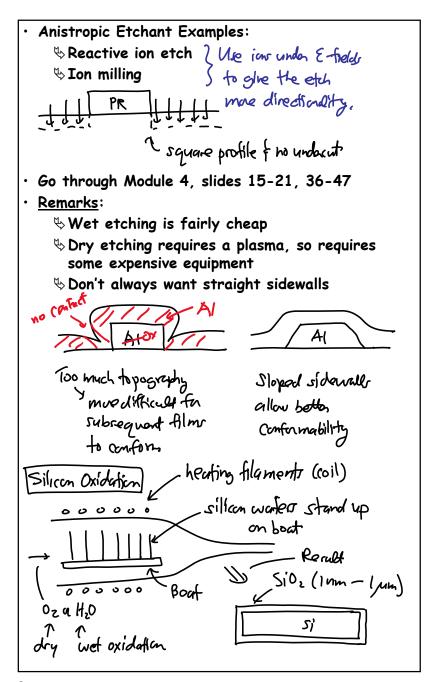
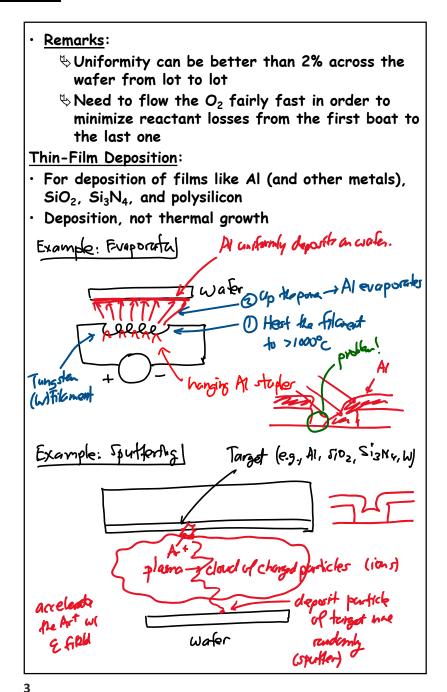
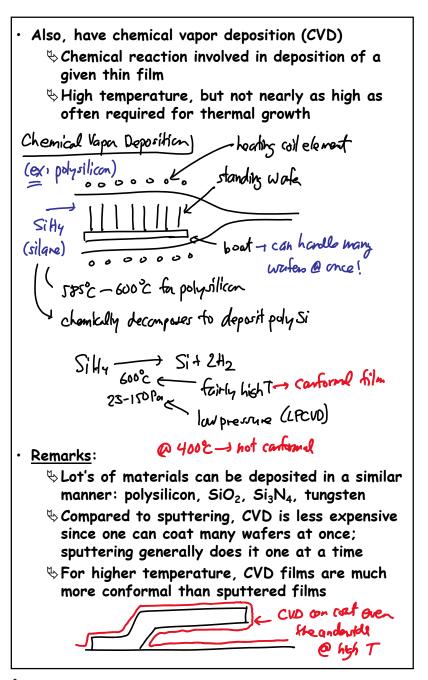
## Lecture 6: Process Modules II Announcements: HW#2 will be online soon Lecture Modules 3 & 4 on Process Modules online · Process Module Details lecture videos online These give more details than I will give in class ♦ Watch these if your background in microfabrication is weak -Very helpful for homework (& research) Today: Reading: Senturia, Chpt. 3; Jaeger, Chpt. 2, 3, 6 · Lecture Topics: **Example MEMS** fabrication processes **Photolithography ♥** Etching **♦** Oxidation **♦ Film Deposition ♥** Diffusion **♥ Ion Implantation** Last Time: Just finished etching in Module 2 Now continue with oxidation



1

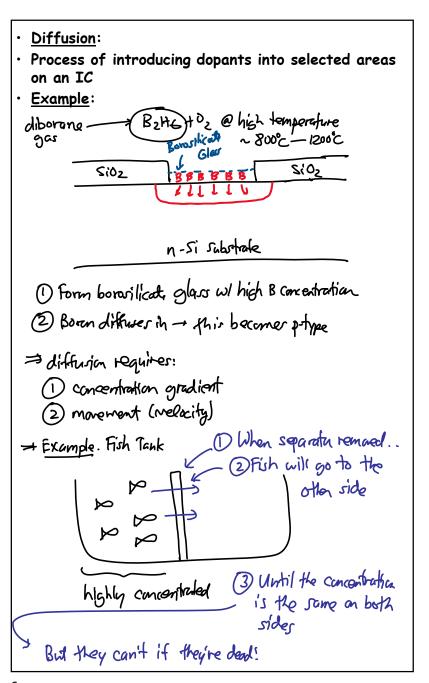


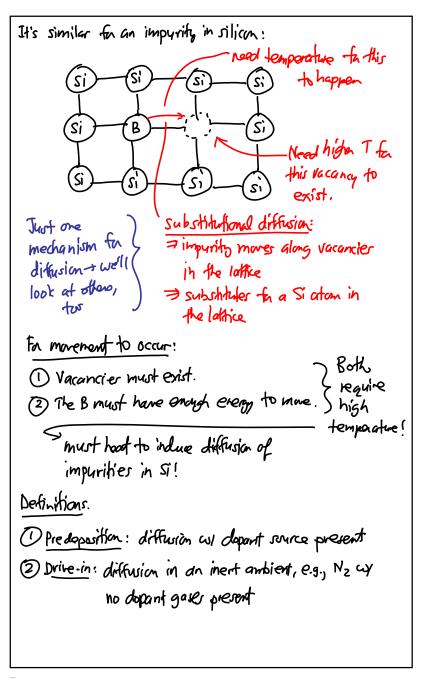


## EE C247B/ME C218: Introduction to MEMS

Lecture 6w: Process Modules II

Go through Module 4, slides 48-50, on Semiconductor Doping





Go through Module 4, slides 65-81, on Diffusion Modeling and Sheet Resistance

