

EE407 Microfabrication – Spring 11

Text: Introduction to Microelectronic Fabrication 2e

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Office hours: Mon 10am, Wed 2pm

Prerequisites:

College Physics

1. **Overview of Microelectronic Fabrication**
2. **Lithography**
3. **Thermal Oxidation of Silicon**
4. **Diffusion**
5. **Ion Implantation**
6. **Film Deposition**
7. **Interconnections and Contacts**
8. **Packaging and Yield**

Graded Material:

Homework	25%
Laboratory	25%
Midterm	25%
Final Lab Report	25%