Lecture 1: Admin & Overview

- Announcements:
  - EE C247B/ME C218: Introduction to MEMS Design
  - Instructor: Prof. Clark T.-C. Nguyen

- Lecture Topics:
  - 1st Day Handouts
  - Definitions for MEMS
  - MEMS roadmap
  - Benefits of Miniaturization

- Today, basically go through
  - 1st day handouts
  - Lecture Module 1: MEMS Overview

- Will pass out computer accounts next lecture or later; you won’t need them till later

- This class will not be recorded by ETS
- But it will be recorded by me using Camtasia on my computer
  - Lecture videos will be posted on the class website in the far right column of the table
- Not a good idea to rely on recorded lectures
  - Sometimes they don’t record correctly
  - Most who say they will watch the video later won’t due to other obligations
- Past versions of this course recorded by ETS as EE C245/ME C218 are already online … use these videos to catch up (if needed) on things that we skip or skim through in this class

- How many have taken EE 147/247A?
- How many have taken ME 119?
- How many know microfabrication basics, i.e., oxidation, diffusion, etc.?
- How many already know MEMS fabrication?