Week 7 Student Checklist
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Student checklist

- Review the overall Process Flow. This can be found at the lab webpage: http://www-inst.eecs.berkeley.edu/~ee143/sp06/lab/fabrication_process_flow.pdf
- Read the detailed Process Flow for week 7 available on the lab web site at: http://www-inst.eecs.berkeley.edu/~ee143/fa05/lab/NMOS-process-flow.pdf
  Week 7a: Source-Drain (n+) deposition and week 7b: Source-Drain (n+) Drive-in and Intermediate oxidation. This lab involves TWO furnace steps and therefore is time consuming. You should understand the purpose of the two furnace runs and the concept of diffusion from a solid source. This week's lab session is particularly long so be prepared.
- To review furnace processing, please look at the Furnace Oxidation Module Video available online at:
  http://www-inst.eecs.berkeley.edu/~ee143/fa05/lab.html
  Link: EE143 Lab: Furnace Oxidation module video
  This video is set up for the gate oxidation step, but week 7's processing is going to be very similar to that.
- Read the manual for Four Point Probe available on the lab web-site at: http://www-inst.eecs.berkeley.edu/~ee143/fa05/lab/four_point_probe.pdf
- Print out and complete the Week 7 Quiz from the lab web page, before coming to your lab session.