

Week 4 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 4 available on the lab web site at: <http://www-inst.eecs.berkeley.edu/~ee143/sp06/lab/NMOS-process-flow.pdf>
Week 4: Gate Oxidation: 800A: You should have a good understanding of the furnace process and why you would be carrying out an oxidation step. This week will give you a practical experience of Thermal Oxidation (Dry oxidation) process.
- Read the manual for Four Point Probe available on the lab web-site at: http://www-inst.eecs.berkeley.edu/~ee143/sp06/lab/four_point_probe.pdf
- To have a good understanding of furnace oxidation you should go through the Furnace Oxidation video at: <http://www-inst.eecs.berkeley.edu/~ee143/sp06/lab.html>; Section: [EE143 Lab: Furnace oxidation module video](#)
- Print out and complete the Week 4 Quiz from the lab web page, before coming to your lab session.