

File: h:\coursesS12\303\FinalStudy303S12.doc RWN 05/07/12; check for updates

Study Points for ENEE 303 Final, Spring 2012

Scheduled for Tu 05/15/12, 08:00 – 10:00; open book open notes but not open computers.

Possible topics:

1. Biasing and load lines
2. Current sources/sinks/mirrors
3. Oscillation conditions and frequencies
4. Small signal equivalent circuits for BJTs and MOS
5. MOS as a switch
6. Ideal op-amps
7. OTAs,
8. Linear and nonlinear circuit behavior
9. Voltage gain and impedance functions in s, poles & zeros.
10. Spice parameters for BJTs and MOS