

ENEE 302

Items to look into #1

1. Plot curves of drain current versus drain to source voltage for various gate to source voltages for NMOS and PMOS transistors. Check the effect of different channel lengths by also making Spice runs with L as a parameter. Adjust the W/L of a PMOS to give curves complementary to an NMOS that you choose.
2. Read chapter 3 on diodes
3. Learn the meaning of the diode Spice parameters in Table 3.3
4. Run some Spice current versus voltage curves for a diode having the default values in Table 3.3.