

EE 203 Electronics I
Quiz # 2

Name: _____

I.D.# _____

Sec.# 03 _____

The NMOS transistor in the amplifier circuit shown has $V_t=1V$, $\mu C_{ox}=2mA/V^2$, and $\lambda = 0$, if $I_Q=1mA$, find V_{GS} and confirm that the transistor is working in pinch off (saturation).

