Serial

Electrical Engineering Department EE205: Electric Circuits II (082)

Quiz 6: Filters and Bode Plots

King Fahd University of Petroleum & Minerals

-1 points for not writing your serial #

Name: Key

For the given transfer function: $H(s) = \frac{s^2 + 13s + 30}{3s(s + 100)}$

Make Straight-Line amplitude plot for the given transfer function. **Show your steps** (9 points) What is the type of the filter? (1 point) From the transfer function and the amplitude plot (band reject filter)

For your benefit the phase is also shown

