EE3311 - Electronic Circuits

EE 3311 Electronic Circuits (3 semester hours) Large-signal and small-signal characteristics of diodes, BJT and MOSFET transistors. Analysis of circuits containing diodes. Analysis of the DC and small-signal characteristics of single-stage BJT and MOSFET amplifiers. Analysis of circuits with an operational amplifier as a black box. Introduction of high-frequency models of BJT and MOSFET transistors and methods to analyze amplifier frequency response. Prerequisite: CE 3310 or EE 3310. Corequisite: CE 3111 or EE 3111. (Same as CE 3311) (3-0) S (2016-02-05 21:23:12)