

ETRO 212 : Electronic Technology II

Presents concepts of electronic devices and circuits including modeling of semiconductor devices, analysis and design of transistor biasing circuits and linear amplifiers. Applies to the design of amplifiers, cascade amplifiers, power amps, operational amplifiers, IC oscillators, and timing circuits. Offers an introduction to Printing Circuit Board Design tools using LPKF.

Credits 3

Lecture/Lab Credits 90

Teaching Equivalent 5.00

Prerequisites

ETRO 210 with grade C or better, or consent.