

Faculty of Engineering & Technology

Electronics

Information:

Course Code: EED210 Level : Undergraduate Course Hours : 3.00- Hours

Department: Biomedical Engineering

Description:

Models and characteristics of ideal and practical diodes. Diode circuit applications. Special diode types. MOSFET and BJT transistors: basic structure, I-V characteristics, DC circuits, transistor as an amplifier and a switch, small signal operation and models, amplifier configurations, Biasing circuits. Single stage integrated circuits amplifier.