

Faculty of Engineering & Technology

Electronics

Information :

Course Code : EED210

Level : Undergraduate

Course Hours : 3.00- Hours

Department : Computer & Intelligent Systems 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.