

Faculty of Engineering & Technology

Electronics

Information :

Course Code : EED210

Level : Undergraduate

Course Hours : 3.00- Hours

Department : Electrical Power Engineering

Instructor Information :

Title	Name	Office hours
Lecturer	MOSTAFA MOHAMED SALAHELDIN ABDELKHALEK ELEWA	1
Assistant Lecturer	Mohamed Essam Abd El Aziz Abd El Aal	

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.