

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
Associate Professor	Mohamed Hassan Mohamed Elmahlawy	
Lecturer	MOSTAFA MOHAMED SALAHELDIN ABDELKHALEK ELEWA	1
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Assistant Lecturer	Mohamed Essam Abd El Aziz Abd El Aal	
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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.