

Faculty of Engineering & Technology

Electronic Circuits

Information :

Course Code : EED311

Level : Undergraduate

Course Hours : 4.00- Hours

Department : Electrical Power Engineering

Instructor Information :

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

Description :

Differential pair, small signal operation of the differential amplifier, multistage amplifiers.
Frequency response of amplifiers, Bode plot. Feedback: General structure and topologies.
Operational Amplifier: function and characteristics, configurations, application circuits.
Oscillators and Multivibrators: concept of oscillations, OPAMP oscillators, and the 555 timer.