

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
Professor	Mohamed Abdelhamid Abualata Ibrahim	7
Associate Professor	Mohamed Hassan Mohamed Elmahlawy	
Lecturer	MOSTAFA MOHAMED SALAHELDIN ABDELKHALEK ELEWA	
Lecturer	MOSTAFA MOHAMED SALAHELDIN ABDELKHALEK ELEWA	
Assistant Lecturer	Mohamed Essam Abd El Aziz Abd El Aal	
Assistant Lecturer	SHEROUK SOBHI ABDELSALAM FOU DA	
Teaching Assistant	Hamdy Sherif Hamdy Amin Elshehaby	

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.