
Faculty of Engineering & Technology**Electronic Circuits****Information :****Course Code :** EED311**Level :** Undergraduate**Course Hours :** 4.00- Hours**Department :** Electrical Power Engineering**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.