EET 223 Outcomes

1. Be able to determine and measure the effect of changes in source and load impedance on voltage gain, input impedance and output impedance for various amplifier circuits.
2. Be able to determine and measure the low, midband and high frequency response of BJT and FET amplifiers.
3. Be able to determine the voltage gain, input impedance and output impedance of multistage amplifier circuits.
4. Be able to determine and measure the bias currents and voltage gain in differential amplifier circuits.
5. Be able to determine and measure the voltages and currents in single and multiple operational amplifier circuits.
6. Demonstrate knowledge of the use of operational amplifiers to construct various types of 1-pole and 2-pole filter circuits.
7. Be able to determine and measure the characteristics of power amplifiers.