

ELEC-313  
Lab 9: Common-Emitter Transistor Amplifier

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## **1 Objective**

## **2 Equipment**

Transistor: 2N2222A

Resistors: 22 k $\Omega$ , 33 k $\Omega$ , 220  $\Omega$  (x2)

Multimeters: HP 34401A, Fluke 8010A (x2)

Power supply: HP E3631A

Capacitor: 0.1  $\mu$ F

## **3 Schematics**

## **4 Procedure**

## **5 Results**

**6 Conclusion**

**7 Equations**