

**Faculty of Engineering and Technology**

**Department of Electrical And Computer Engineering**

**Electronics Lab**

**(ENEE3112)**

**Experiment #4 (Prelab)**

**BJT Transistor as an Amplifier**

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1. **Common Emitter Transistor Amplifier.**

**The circuit :**

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**Input voltage :**

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**Base voltage :**

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**Base current :**

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**Emitter current :**

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**Collector current :**

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**Average current :**

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**Ic :**

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1. **Common Collector Transistor Amplifier.**

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**Input and output current :**

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**The input Current & the difference of input Voltage :**

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1. **Common Base Transistor Amplifier.**

**The circuit :**

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**Output voltage :**

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