

## **ECE 109 - INVESTIGATION 1**

### 1. Flow Of Charge In A Flashlight Circuit

(Diagram of flashlight circuit)

- a. Diagram Showing Flow Of Electrons
- b. Why The Electrons Are Flowing Counterclockwise
- c. Diagram Showing Flow Of Positive Charge If They Could Flow
- d. How The Flows Of Electrons And Positive Charges Differ

### 2. How To Determine The Direction Charge Is Flowing From The Reference Direction And Sign Of A Current

- a. How To Determine The Direction Of Equivalent Positive Charge
- b. How To Determine The Direction of Electrons