



**Program:** Electrician Technician    **EL190 Material Lab**

**Course:** EL190

**Objective:** Under the supervision of your instructor, you should be able to do the following:

- To accurately price out material costs.

**Lab Equipment:** N/A

**Required Tools:** N/A

**Materials:**

- Pencil
- Material list
- Tablet and Internet access

**Safety (PPE):** N/A

**Resources:** N/A

**Required Time:** One Day

**Shop Maintenance:**

- All work will cease 20 minutes prior to the end of class.
- All work areas must be cleaned.
- Tools and equipment must be cleaned and returned to the designated areas (cage, tool room, cabinets etc.)
- Any broken or missing tools must be reported immediately.
- Tools and equipment are students' responsibility



**Procedures:**

- Take the material list with you for a ***field trip*** to the local hardware store.
  - Can be completed online in lab if field trip is not practical
- Find the items on the list and mark the current price, model number and manufacturer. (No assistance from the hardware store employees)
- Once completed, have your instructor review the list for accuracy.
- The instructor's version has answers in them, but they are only guides. Students can get the same items from different manufacturers and the prices will vary.