

## Electrical Estimating Course Outline

1. What is an Estimate?
2. Personal Prerequisites
3. Work Area and Environment
4. Tools and Misc. Materials Required
5. Standard Forms and How they are used
  - a. Scope Review
  - b. Takeoff
  - c. Listing
  - d. Pricing Labor and Materials
  - e. Bid Summary

6. The Estimate

Students will do a complete takeoff of a small office building, including service equipment and feeders, lighting fixtures, lamps, misc., material for fixtures, branch lighting, branch power, and motor connections. The takeoff will include listing, pricing material and labor, extension of materials and labor and Bid Summary.

7. Final Estimates will be reviewed with the class based on Instructors Takeoff.
8. Various ways that Computers have affected our Industry.