

- V. Electrical connections
 - A. Splices
 - B. Type of connections
 - C. Methods

- VI. Services
 - A. Service entrance
 - B. Roughing in services
 - C. Service panels
 - D. Service drops
 - E. Service laterals
 - F. Trimming out the service

- VII. Wiring methods using non-metallic sheathed cable
 - A. Classify according to type
 - B. Junctions and splicings

- VIII. Wiring methods using conduit
 - A. Types of conduit
 - B. Methods of installations

- IX. Switches and switching circuits
 - A. Types of switches
 - B. Rating of switches
 - C. Single pole switch connections
 - D. Three-way switch connections
 - E. Methods of installation

- X. Introduction to "Low Voltage" systems
 - A. Remote control systems
 - B. Signaling systems
 - C. Security and fire systems

- XI. Large appliances
 - A. Electric ranges
 - B. Dryers
 - C. Washers
 - D. Water heater
 - E. Central heating and cooling
 - F. Baseboard heating
 - G. Ceiling heating
 - H. Furnaces
 - I. Heat pumps
 - J. Air conditioners
 - K. Motors

- XII. Multiple family dwelling
 - A. Wiring methods
 - B. Service considerations
 - C. Panelboards

- XIII. Electrical design
 - A. National electrical code requirements
 - B. Calculations of loads

- XIV. Estimating electrical wiring
 - A. Materials
 - B. Labor

REQUIRED TEXTBOOK AND MATERIAL:

The textbook a