



Training Program:

Electrical Drawing Seminar

www.btsconsultant.com

Introduction:

This five-day electrical drawing seminar is designed to prepare electrical personnel to troubleshoot from electrical drawings at commercial, industrial and institutional installations. attendees will begin with one-lines and three-lines, and progress through schematics and relay/ladder logic diagrams. Students are encouraged to bring examples of their own facilities prints to use during practical exercises. Low, medium and high-voltage installations will be reviewed as requested by students.

Who Should Attend?

Electrical technicians, field engineers, project managers, inspectors, contractors, and journeyman electricians who depend on effective skills and knowledge of print reading.

Course Outline

Print Reading Basics

- Legends
- Electrical symbols
- Basic layout
- Practical exercise using example prints

One-Line Diagrams

- Purpose

- Types
- Interpretation and use
- Practical exercise using one-lines

Elementary Electrical Diagrams

- Purpose
- Interpretation and use
- Practical exercise using elementary diagrams

Electrical Schematics

- Purpose
- Interpretation and use
- Practical exercise using schematics

Field Exercise Using Prints and Local Facility

Relay/Ladder Logic Diagrams

- Introduction to ladder logic diagrams
- Logic symbols
- Interpretation and use
- Practical exercise

Accreditation:

BTS attendance certificate will be issued to all attendees completing a minimum of 80% of the total course duration.