



## **Electrical Print Reading 24 Hours**

### **Description:**

This course is designed to prepare electrical personnel to troubleshoot from electrical prints at commercial, industrial and military installations. Students will begin with one-lines and three-lines, and progress through schematics.

Students may 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.

### **Outline:**

#### **I. Print Reading Basics**

- A. Legends
- B. Electrical symbols
- C. Basic layout
- D. Practical exercise using example prints

#### **II. One-Line & Three-Line Diagrams**

- A. Purpose
- B. Types
- C. Interpretation and use
- D. Practical exercise using one-lines & three-lines

#### **III. Schematics**

- A. Purpose
- B. Interpretation and use
- C. Practical exercise using schematics

#### **IV. Final Exam**

### ***TDSTI***

15825 Trinity Blvd., Ft. Worth, Texas 76155

Phone: 817/465-9494 Fax: 817/465-9573

[www.technicaldiagnostic.com](http://www.technicaldiagnostic.com) [frank@technicaldiagnostic.com](mailto:frank@technicaldiagnostic.com)