



Technical Diagnostic Services Training Institute

Industrial Electricity 24 Hours

Who should attend?

Designed for field and plant personnel, supervisors and others with the need to learn the practical application of electricity. This course is excellent for new electrical personnel and cross-training.

Course Description:

Beginning with an overview of dc theory, students learn Ohm's Law and how to use it in real-life situations. Ac theory is covered in detail, progressing from series and parallel circuits (using motor controls as examples) to the operation and application of common electrical devices. Students follow a simple in-plant power system to learn terminology and theory of the devices. Typical in-plant equipment is covered, including motors, motor-control centers, protective relays, circuit breakers, transformers, batteries and others. Lastly, three-phase power is discussed, again with the practical application of the theory behind it.

Presentations will be focused on the needs of the participants, rather than a strict outline. Participants are asked to ask questions regarding power systems and their operation and components and practical examples are used to broaden their understanding. Each student receives a course text and a copy of Ugly's Electrical References.

Prerequisites:

Understanding the basic fundamentals of mathematics; Basic Algebra, Geometry, Trigonometry is a plus

TDSTI

15825 Trinity Blvd Fort Worth, Texas 76155

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

www.technicaldiagnostic.com training@technicaldiagnostic.com