



Institute of Piping Engineering & Building Services

OVERVIEW – Building Electrical Systems Design & Drafting

This is a fast-paced program designed to present all major topics relative to the design of Building Electrical Systems. The program consists of 100 Hours of Instruction including concept theory, problem solving, system design, CAD drafting.

WHAT YOU SHOULD BRING

Course participants should bring an open mind, a thirst for knowledge, a scientific calculator, sketch pad, pen and long book.

Description

This certificate program introduces the full range of Building Electrical Design topics from the the Fundamentals to Commercial Interior Lighting Systems, Telephone & Data Systems, Fire Alarm System, Conduit System, Sound System, Security System & Power System. Each topic is presented so as to demonstrate the "real world" impact of design decisions on resulting system performance. Numerous examples of actual designs are presented. (See the "Course Outline" section for details of topics.)

What You Will Learn

Learn to Design & Draft Building Electrical Systems.

WHO SHOULD ATTEND

- Electrical/Mechanical/Consulting Engineers and Students
- Technicians
- Draftsmen

Training Features

- Excellent Material Provided (Manual, Design Charts)
- Individual Attention & Placement Guidance.
- Hundreds of Students placed in India and Middle East.

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Course Outline – Building Electrical Systems Design & Drafting

- **Fundamentals, Overview of Codes & Standards**
- **Power System Design**
- **Commercial Interior Lighting System Design , Landscape Lighting**
- **Fire Alarm System Design per NFPA**
- **Security System Design, Modern Closed Circuit Television System Design**
- **Sound System Design**
- **Telephone & Data System Design**
- **Conduit System Design**
- **Electrical Systems Drafting – Symbolism, Conventions, Layouts, Single Line Diagrams.**
- **Electrical Transmission & Distribution Safety**

The training programs can also be arranged on-site, customized for your organization. For more details, please call us at 0091-9885946711.

For Information on Other Training Programs/Courses, please call us at 0091-9885946711 or visit our website: **www.ipebs.in**