

ELECTRICAL

BLUEPRINT READING



Description:

Participants will learn how to read a set of electrical construction blueprints, drawing specifications and general notes. Using various samples of electrical blueprints, participants will gain experience and practical knowledge for their day-to-day work on construction projects.

Audience:

Ideal for those who have little or no background in electrical blueprint reading.

At the end of the course participants will be able to:

- Have an elementary knowledge of electrical blueprint reading as it relates to construction projects
- Understand in general terms the design process and the role of design professionals
- Understand how Building Codes and Bylaws impact blueprints
- Understand specifications and the contractual hierarchy
- Be able to find trade information using blueprints
- Be able to answer basic construction questions related to the layout and installation of materials
- Be able to identify elementary problems or short comings of the blueprints you are using
- Be familiar with electrical, architectural and structural drawings, and how they fit together
- Understand and be able to use architectural & metric scale rules

- Understand how to convert metric dimensions to architectural (imperial) dimensions
- Understand how to read a floor plan, section, detail, profile and elevation
- Understand symbols, notations, abbreviations and material schedules
- Be able to work with the drawings to obtain basic information on dimensions, finishes, details, area calculations, and the ability to do simple material takeoffs

Course fee includes:

All books and materials, lunch, certificate upon completion and parking.

The course includes:

One day (8 hours) of lessons with instructor. The course is eligible for 1 CCA Gold Seal education credit upon successful completion.

The instructor:

Charles Baverstock, GSC

Charles has worked in the electrical construction industry for the past 20 years and is an experienced project manager and estimator. He is a red seal journeyman and gold seal certified project manager. Charles is a sought after instructor and previously lectured at BCIT.



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