

# BLUEPRINT READING



## Description:

Participants will learn how to read a set of construction blueprints and specifications. Using both residential and commercial samples of blueprints, participants will gain experience and practical knowledge for their day-to-day work in construction companies.

## Audience:

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

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

- Have an elementary knowledge of blueprint reading as it relates to building 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 architectural, civil, electrical and mechanical drawings, and how they fit together

- Understand and be able to use architectural & engineering scales
- Understand how to convert engineering dimensions to architectural dimensions
- Know what a floor plan, section and elevation are
- Understand symbols, notation, abbreviations and material schedules
- Be able to work with the drawings to obtain basic information on dimension, finishes, details, area calculations, and the ability to do simple material take offs
- Be familiar with both commercial and residential blueprints

## Course fee includes:

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

## The course is offered as:

- A one day (8 hours) of lessons with instructors.

## The instructors:

**Chad Brechin, ASCT**

**Tim Williams, B.Econ., MBA, CPA, GSC**



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