

CIVIL BLUEPRINT READING



Description:

Participants will learn how to read a set of civil construction blueprints, drawing specifications and general notes. Using various samples of civil 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 civil blueprint reading.

Course fee includes:

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

The course includes:

One day (8 hours) of lessons with instructor.

Education credits:

The course is eligible for 1 CCA Gold Seal education credit upon completion.

The instructor:

Mark Waters, GSC

Go to bgcpartners.ca/our-team for instructor bio.

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

- Have an elementary knowledge of civil 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 familiar with civil, architectural and structural drawings, and how they fit together
- Understand symbols, notations, abbreviations and schedules
- Understand the information shown on the drawings relative to the location of storm, sanitary, water lines, manholes, catch basins etc.
- Know what plan views, sections, elevations and details are
- Understand what profiles are and how to interpret the information shown on them
- Understand civil drawings relative to basic road construction
- Understand road profiles, cross sections and standard details
- Understand and be able to use metric scale rules
- Understand how to convert metric and imperial dimensions
- Be able to work with the drawings to obtain basic information on dimensions, area calculations, and the ability to do simple material takeoffs



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