



SITE SURVEYING

101

(L E V E L I N G)

Description

The Site Surveying 101 – introduction to leveling course is designed for construction personnel interested in learning skills and principals to successfully run level loops, transfer and establish benchmarks on construction sites, and determine the elevations of objects independently and/or relative to each other.

Audience

Ideal for general site personnel, site supervisors and those responsible for site preparation including leveling procedures, elevation control and benchmark set up. No special math skills required.

Course fee includes:

All books and materials, use of survey equipment, certificate upon completion and parking.

The course is offered as:

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:

- Successfully use survey equipment in order to perform site leveling procedures to establish benchmarks and elevations
- State and define basic leveling methods and procedures for benchmark leveling
- Book, record and reduce level notes and perform the required checks given the field information
- Describe the Peg Test method for determining and correcting collimation errors in leveling instruments
- State and discuss the care of levels, speed, accuracy, and common sources of errors in the leveling procedure



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