

Short Courses – Construction Supervision

Basic Survey Part 2: Levelling

PURPOSE

The purpose of this short course is to develop levelling skills required for setting up a levelling instrument, transferring levels, bookings levels and setting out excavation profiles.

Use and maintain a metric tape

- Identify and read metric tape
- Clean a tape
- Measure the distance between two points
- Set out a pin at a stated distance

Set up a levelling instrument

- Unpack, clean and pack away a level
- Level a levelling instrument
- Eliminate parallax

Transfer levels

- Read a levelling staff
- Transfer levels
- Adjust a level
- Book levels Reduce levels
- Take levels for sections

Set out excavation profiles

- Erect slope batter boards
- Set out pipeline profiles