



IrrigationWise Academy

LEARN TO GROW

D2: PRINCIPLES OF SURVEYING AND MAPPING

Who is the course aimed at?

Any person planning to enter the irrigation design industry or who requires basic knowledge on the compilation and use of maps and plans

Which skills will the learner acquire during the the course?

- *Measurements, accuracy, errors and scales in surveying*
- *Characteristics of maps, and maps published by the Chief Directorate: Surveys & Mapping*
- *Basic linear surveying procedures*
- *Levelling instruments and basic levelling operations*
- *Methods of interpolating contour lines from surveyed data and the various uses of contours in irrigation*
- *Longitudinal and cross sections*
- *Overview of surveying instruments and the principles of traverse surveys*
- *The principles, errors and use of GPS in surveying*

Course length: 3 days

Course fee: (VAT excluded)

R4 240 (SABI members), R5 240 (Non members)

Venue:

Stellenbosh: 7 – 9 April 2020

Pretoria: 14 – 16 April 2020

Presentation of courses will be subject to a minimum number of learners.