

Now for the first time in South Africa

Landscape Irrigation Training
presented under licence of the
Irrigation association (USA),
adapted for local conditions.

INTRODUCTORY LANDSCAPE IRRIGATION DESIGN COURSE 2017

Take your
Landscape
Irrigation
business to
the next level.
Grow your
business and your
staff with internationally
recognised courses.

L2 - INTRODUCTORY LANDSCAPE IRRIGATION DESIGN COURSE - 2017

Who is the course aimed at?

Any person responsible for the planning and design of landscape irrigation systems for residential and small commercial properties.

Which skills will the learner acquire during the course?

After completing the course, the learner will:

- Understand the principles of hydraulics including hydrostatics, hydrodynamics, pressure and flow determination, friction losses and water hammer
- Understand plant water relationships, including the selection of equipment and scheduling practices to use water efficiently
- Be able to select different sprinklers and emitters based on their functions
- Apply the principles of hydraulics to design an irrigation system using all the applicable norms and standards
- Understand the operational principles of pumps
- Be able to select efficient and suitable pressure and borehole pumps
- Understand the operating principles of automatic and manually controlled valves as well as the advantages and disadvantages of each type
- Be able to select appropriate valves for a landscape irrigation system
- Be able to select appropriate pressure vessels
- Be able to select effective filtration equipment to protect the irrigation system
- Understand the basics and application of electric circuits with emphasis on the low voltage principles used to control irrigation systems
- The course is not product specific and will include a variety of manufacturers' products.

Course length:

2 non-consecutive blockweeks

Course fee (VAT included):

R9 900 (SABI members),
R10 450 (Non members)

Venue:

Johannesburg – English
Block week 1: 5 - 9 June 2017,
Block week 2: 10 - 14 July 2017 – English

Cape Town – Afr/Eng
Block week 1: 14 - 18 August 2017,
Block week 2: 11 - 15 September 2017

Registration forms are available on the SABI website at
http://www.sabi.co.za/training_dates.html

For 2017 course information, contact us on
021 850 8220 or e-mail info@sabi.co.za.

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

An competency certificate will be issued after successful completion of the course.

