

# Turfgrass Irrigation Technician

## At a glance...

### Assessed Customised Provision

Duration Notes:	Duration: 12 hrs over two days (including 2 hrs for the assessment).
Delivery Method:	Theory and Practical
Prerequisites:	There are no entry requirements, however, it is recommended that learners have some prior experience in the basic use of automatic irrigation systems.

## Introduction

The course is aimed at sports turf, ground staff, greenkeeping and lawn care professionals seeking to develop automatic irrigation system skills and knowledge in the fundamental of installation, fault finding and set-up.

## Overview in brief

The outline of the course is to learn the fundamentals of a systems operation, components, efficient use, set-up, maintenance, and technology.

This includes learning practical skills to install and set-up valves, sprinklers, and pipework.

1. Understand the purpose of Turfgrass Irrigation
2. Understand safe operation of an irrigation system
3. Understand water sources for irrigation
4. Identify the components of an irrigation system
5. Understand pipe materials and joints
6. Understand the fundamentals of shut down and pressurising the irrigation system
7. How to identify faults on the system, sprinklers and electrical



8. Understand flow and precipitation rates from valves and sprinklers
9. Understand integrated irrigation technology
10. How to install and set-up sprinklers and valves,
11. How to join irrigation cables
12. How to connect compression and glue irrigation pipework



**Worth noting:** Irrigation design is not included in this course; however, a separate top-up course in automatic irrigation design is available, 'Turfgrass Irrigation Design (Part Two)'

### Who should attend?

Turfgrass professionals and those whom maintain turf irrigation systems and/or wish to develop their skills in irrigation.

### What will be covered?

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