

Internal Tree Inspection Programme



At a glance...

Assessed Customised Provision

Delivery Method:	Practical observation and assessment
Recognised by:	Lantra Awards
Prerequisites:	Industry experience, consultancy experience, PTI preferred

Introduction

The Internal Tree Inspection Programme (ITIP) is a two-day training course designed to develop advanced skills in assessing the internal condition of trees.

Overview in brief

This Lantra-accredited Customised Award is exclusively developed and delivered by a Lantra-approved Training Provider, who meets our quality standards. The course is specifically tailored to meet learners' needs. For further details about the course content and delivery locations, please contact the Training Provider using the details below.

The minimum age to undertake this course is 18.

The Internal Tree Inspection Programme (ITIP) is a two-day training course designed to equip arboriculturists with the skills to assess the internal condition of trees using visual tree assessments, tomography and the microdrill. Developed in collaboration with industry experts, the course provides hands-on experience with diagnostic tools, enhancing risk assessment and evidence-based decision-making in tree management.

The finer details

The course blends classroom learning with practical demonstrations and field exercises, ensuring participants leave with the confidence to apply internal tree inspection techniques professionally.

Day 1 focuses on the role of Visual Tree Assessment (VTA), introducing candidates to the use of diagnostic tools such as sonic and electrical resistance tomography. Participants engage in



field exercises, research projects, and hands-on demonstrations to understand the limitations and best practices for tree risk assessment.



Day 2 builds on this foundation with a deeper dive into tomogram interpretation, microdrill analysis, and research-based evaluation of internal decay detection methods. The course combines theoretical learning with extensive practical sessions, ensuring candidates leave with the ability to apply these techniques effectively in real-world scenarios.

Who should attend?

Arborists with a keen interest in trees

Arboricultural Consultants

Tree Surveyors

Tree Officers

Tree Owners/Managers with some arboriculture knowledge

What will be covered?

The Internal Tree Inspection Programme (ITIP) equips arboriculturists with the knowledge and practical skills needed to assess the internal condition of trees using industry-leading diagnostic tools.

Course Objectives:

Understand the principles of Visual Tree Assessment (VTA) and its role in pre-diagnostic inspection.

Learn the correct setup and operation of PiCUS sonic tomography, Electrical Resistance Tomography (ERT) and PD-400 microdrill

Develop skills in interpreting tomograms and measurement curves to assess internal decay.

Conduct structured field assessments, integrating VTA with diagnostic technology.

Explore research-based approaches to hollowness assessment, failure criteria, and tree risk analysis.

Gain hands-on experience with real-world case studies and supervised practical sessions.

