



HCT

Progressive, Innovative & Interactive Training



Horticultural Tools and Equipment

LEVEL 4



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QQI AWARD

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Horticultural Tools and Equipment 4N0683

Programme Aim: This programme has been designed to help enable participants to develop the knowledge and skills necessary to use and maintain a range of horticulture tools and equipment correctly. The learner will also be capable of identifying possible hazards and safety precautions as required. During the programme learners will be required to perform a range of tasks and maintenance on hand tools including a rake, fork and shovel. The learner will also explore power hand tools use and maintenance including safety checks, mixing fuel, checking and fixing of leaks, use pedestrian machinery including scarifier, knapsack and rotovator, and horticultural machinery including tractor and mower.

Participants of this programme will:

- Learn horticultural operations to include their primary use and hazards and regulation associated
- Understand preparation of an area and PPE required before commencing in operational use of any tools or equipment
- Show care for maintenance of tools and equipment and be capable of carrying out basic maintenance and general services on equipment
- Carry out a range of horticultural maintenance activities correctly and safely
- Learn appropriate storage and care required for tools

Programme Content

- Prepare power hand tools pre starting safety checks, mixing fuel, checking for leaks and damage. Use a range of hand tools safely
- Use power hand tools safely including a two-stroke engine powered strimmer and a hedge cutter
- Operate a pedestrian rotovator, scarifier, knapsack sprayer, mechanised rake, pedestrian mower, ride-on mower, trailing mower, and compact-type tractor mower
- Maintain all equipment while in use to include setting height of cut, removing blade for maintenance, sharpening blade, refuelling, replacing cord or gut as needed and maintaining lubrication and filters, cleaning and storage

Specific Support Available

A range of accommodations and supports are possible according to specific needs. This programme comes with a very comprehensive manual as an excellent source of reference after the programme

Programme level	This programme leads to a Level 4 on the National Framework of Qualifications
Progression and Credit Value	This programme is worth 10 Credits towards a major award in Horticulture 4M1994. Learners can transfer to another programme. HCT must be notified on day one of the programme that you wish to transfer free of charge, after day one the fees for the new programme will apply.
Duration	This programme will run for 4 contact days depending on the project and will require participants to complete some work in their own time
Who should attend this course	People seeking skills in, or are looking to gain formal qualification in Horticulture Tools and Equipment Maintenance and Use
Required fluency in generic skills	Learners entering programmes leading to awards at level 4 will usually be comfortable reading, drafting, preparing and understanding personally relevant information, including quantitative information. Learners will also be capable of solving familiar problems well, independently and as part of a group
QQI Assessment	Participants who wish to achieve a QQI Component Certificate must complete 80% Skills Demonstration and 20% Examination
Resources Required in Order to Successfully Complete the Module	Some personal learning / study time will be required from participants. Programme packs, Assessment Briefs and some equipment will be provided as a part of the programme
Specific Entry/Access & Exemptions required	A learner seeking entry to a programme leading to awards at level 4 does not need a previous formal qualification. Some learners may have achieved some certification at level 3 and we would recommend they have life or work experience within the chosen programme sector. Recognition of Prior Learning may be considered to gain access without having certification entry requirements, to gain exception within a programme, attain an award based on experience which they don't hold formal qualification in, contact our office for more information

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