

THE RIGHT SKILLS ► A PROVEN ADVANTAGE

LANDSCAPE HORTICULTURIST

Credential Issued:

ITA Certificate of Qualification (Landscape Horticulturist)
(Persons completing a formal apprenticeship also receive a Certificate of Apprenticeship)

Occupational Description:

“Landscape Horticulturist” means a person who selects, handles and utilizes trees, shrubs and ornamental plants and turf grass for the design, development and maintenance of public and private landscaping spaces. Prepares soil, plants, cultivates, prunes and irrigates to maintain plant vigor. Controls plant pests utilizing appropriate integrated pest management techniques.

Program Duration & Structure:

The program will be delivered in a variety of formats combining in-school and work-based training, all designed to meet the competency standards and profile defined by the industry, and will generally take 4 years to complete. The program includes:

- In-school: 24 weeks* (approximately 6 weeks per level)
- Work-based: 6,480 hours

*The in-school / technical training requirement is typically met through block release training delivered by an ITA approved training provider. It can also be met through approved alternative training models (e.g. distance education, part-time) and / or level challenge exam where these options are available.

Program Completion Requirements:

Completion of 6,480 workplace hours [See Cross Program Credit on page 2]

- Recommendation for Certification signed by the Sponsor AND a certified Landscape Horticulturist or holder of an ITA-issued letter authorizing supervision and sign-off of apprentices in the trade.

Completion of technical training:

- Level 1 In-school assessments and ITA written level examination
- Level 2 In-school assessments and ITA written level examination
- Level 3 In-school assessments and ITA written level examination
- Level 4 In-school assessments and ITA written level examination

(Requirement can be met through challenging a level examination.)

Program Challenge Requirements:

- 9,720 documented hours of directly related work experience required to challenge the BC Certificate of Qualification examination OR
- Holders of the CLT in Ornamental Maintenance and one other of the three modules within the Landscape Industry Certified Technician certification require 8,720 documented hours of directly related work experience to challenge the BC Certificate of Qualification examination

Program Pre-requisites:

- Recommended Education: Grade 10 or equivalent including English 10, Mathematics 10 and Science 10. Grade 12 preferred.

Assessment Methods:

Technical Training:

- In-school assessments (practical and written exams)
- ITA written level examinations

Challengers:

- BC Certificate of Qualification written examination

Linkages to Other Credentials:

Cross Program Credit

Holders of a BC Certificate of Qualification in Production Horticulturist are eligible to receive practical experience credit if their work experience directly relates to the landscape horticulture competencies.

Holders of the Landscape Industry Certified Technician (CLT) in Ornamental Maintenance and one other of the three modules within the Landscape Industry Certified Technician certification will receive credit for 1,000 hours towards the workplace completion requirement in the Landscape Horticulturist training program or towards hours required for challenge.

Program Standards Documentation:

- Program Outline

Industry Program Standards Mechanism:

HortEducationBC info@horteducationbc.com

Program Providers:

Institution-based component of the program is delivered by public post-secondary institutions, private training institutions, and secondary schools that have been approved by ITA.

Technical Training Content:**Level 1**

Soil Management
Pest Management
Plan ID 1
Botany 1
Horticulture Mechanics 1
Horticulture Practical 1
Horticulture Business 1

Level 3

Plant Identification (Home Study)
Pest Control – Bio & Environmental
Intergrated Pest Management
Pest Control in Specialty Areas
Productivity & Profitability
Principles of Landscape Design
Landscape Design
Read a Landscape Design
Plant Pract (Trnprt, Store, Pla)
Tree Pruning and Repair
Pruning – Scrubs and Others
Sub-Surface Drainage Systems
Surface Drainage Systems
(HS) Risk, Measure & Repair, Soil C

Level 2

Nutrient Testing
Plant Hardiness
Plant Identification
Equipment Safety
Personal Safety
Plant Growth & Enviromental
Growth Regulns & Plant Growth
Pest Ecology
Soil Chemical Reactions
Soil Microbiology/Composting
Biological Procs. Plant Prop
Genetic Principles
Fertilizers
Human Relation in the Workplace

Level 4

Plant Identification (Home Study)
Legislation/Regs Affecting O
Intergrated Pest Management Program
Assess and Amend Soils
Business/Considerations-Land
Installation of Grassed Area
Herbaceous, Heather/Conifer &
Water, Roof Gardens, & Interior
Natural Area Management & Landscape
Landscape Maintenance & Winter
Irrigation Design
Irrigation Equipment, Instal
Line R Turfgrass Maintenance Pro

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