

New Zealand Certificate in Horticulture

General (Full Time & Part Time)

LEVEL 3



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NEW ZEALAND CERTIFICATE IN HORTICULTURE GENERAL LEVEL 3 (FULL TIME AND PART TIME)

●● STRATEGIC PURPOSE STATEMENT

The purpose of the New Zealand Certificate in Horticulture (General) (Level 3) is to provide the horticulture sector with graduates who have a theoretical knowledge of plant and soils science, and growing systems and environments, to underpin practical capability in a range of horticulture sectors. Students will have some experience in, or an interest in horticulture and wishing to progress their career within the industry, and on completion will be capable of working under limited supervision in the horticulture community with responsibility for work outcomes.

●● GRADUATE PROFILE

A graduate will be capable of building on their basic skills and knowledge in the area of horticulture that they are either employed in or seeking employment in. Graduates will be able to:

Apply knowledge of plant and soils science to the identification, selection, and growing of plants, programmes may include the following topics:

- Soils – composition, properties, biology
- Plant science – nomenclature, structure, function, processes, life cycles
- Plant physiology
- Nutrient cycles and water cycle
- Entomology
- Plant pathology
- Plant and soil health
- Pruning techniques

Apply knowledge of growing systems and environments to the establishment and growing of plants, programmes may include the following topics

- Plant propagation concepts
- Techniques and systems for the control of plant pests, diseases, disorders
- Weed control techniques and systems
- Irrigation systems
- Harvesting techniques
- Growing systems
- Plant selection
- Plant growing media
- Controlled plant growing environments

Programmes may also include a range of tasks commonly carried out in horticulture.

●● EDUCATION PATHWAYS

This qualification may be completed in conjunction with other qualifications at Level 3 including The New Zealand Certificate in Horticulture (Level 3) with strands in Amenity, Arboriculture, Cemetery, Fruit Production, Indoor Crop Production, Outdoor Vegetable Production, Landscape Construction, Nursery Production, Post-Harvest, Sports Turf. This is the recommended pathway.

This qualification may lead on to the New Zealand Certificate in Horticulture Production (Level 4) with strands in Fruit Production, Indoor Production, Outdoor Vegetable Production, Nursery Production, Post-Harvest or the New Zealand Certificate in Horticulture Services (Level 4) with strands in Amenity, Arboriculture, Cemetery, Landscape Design, Landscape Construction, and Sports Turf.

●● EMPLOYMENT PATHWAYS

Graduates of this qualification may be employed or self-employed, and/or move flexibly between a range of horticultural enterprises.

This qualification will also be suitable for small block owners or for mature learners who wish to gain knowledge of horticultural Science in a range of general horticulture growing systems and practices.

●● ENTRY CRITERIA

Physical - must have the physical capability to cope with practical demands of the programme.

A student fee applies. Contact us for eligibility criteria and course fees. Programme approved for international students.