

Programme Regulations for:

Applied Horticultural Services

(Level 3)

Leading to the New Zealand Certificate in Horticulture (Level 3)

with strands in: Amenity, Arboriculture, Landscape Construction

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|--------------|-------------------------------------------|-----------------|--------------|
| Wintec code: | SX1702 | MoE: | NZ2678 |
| Level: | 3 | Credits: | 70 -75 |
| Owner: | Centre for Science and Primary Industries | Effective Date: | January 2018 |

These regulations should be read in conjunction with the Institute's Academic Regulations.

1. Admission and Entry

a. General Academic Admission

i. Applicants are required to:

1. have completed a minimum of three years secondary education; or
2. have gained a relevant qualification at NZQF Level 2 or above; or
3. equivalent.

b. Special Admission

- i. Domestic applicants aged 20 years or above who have not met the General Admission or entry requirements for a programme but whose skills, education or work experience indicate that they have a reasonable chance of success¹ may be eligible for Special Admission. Special admission will be granted at the discretion of the relevant Head of School/Centre Director or designated nominee. Such applicants may be required to successfully complete a foundation, bridging or tertiary introductory programme as a condition of entry into higher level programmes.

c. Provisional Entry

- i. Domestic applicants aged under 20 years who have not met the general academic admission and entry criteria for a programme but who can demonstrate a reasonable chance of success through other educational attainment and/or work or life experience may be eligible for provisional entry at the discretion of the relevant Head of School/Centre Director or designated nominee. Provisional entry places restrictions on re-enrolment to be lifted if the applicant's performance is deemed satisfactory by the relevant Head of School/Centre Director or designated nominee.

d. Selection Criteria

- i. Candidates may be required to complete an interview and selection process. This may include the requirement to complete a Study Skills Assessment to demonstrate

¹ [Education Act 1989 Section 224 \(3\)](#)

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the level of academic skill necessary to successfully complete this programme.

- ii. To meet legal and health requirements, candidates must be physically able to carry out the practical components of the programme.
- iii. Prior to commencing the programme all candidates will be required to undertake a police check at a level sufficient for safe and effective practice within the field of horticulture.

e. English Language Requirements

- i. Candidates who have English as a second language are required to have an International English Language Test System (IELTS) score of 5.5, with no individual band score lower than 5.0; or equivalent.

2. Transfer of Credit

- a. 100% transfer of credit is available for this programme (both formal transfer of credit and recognition of prior learning).

3. Programme Requirements

- a. Every candidate for the Applied Horticultural Services programme shall to the satisfaction of the Academic Board follow a programme of study for a period of normally not less than one semester.
- b. Each candidate's programme will comprise all modules as listed in their chosen strand (Amenity, Arboriculture, or Landscape Construction) in Section 6 of these regulations, totalling the minimum of credits specified in that strand (Amenity 71 credits, Arboriculture 74 credits, Landscape Construction 75 credits).
- c. As some of the practical components within this programme are considered high risk, students will be required to submit to an initial drug screen, and may be required to submit to further drug screening if there is reasonable cause to suspect a student is under the influence of drugs or alcohol, as per Wintec's Drug & Alcohol Policy (OP-16/04).

4. Completion of the Programme

- a. A candidate may take up to two years to complete this programme, unless an extension is granted by special permission of the Centre Director, or designated equivalent.

5. Award of the Qualification

- a. Candidates who successfully complete the requirements of this programme will be eligible for the award of the New Zealand Certificate in Horticulture (Level 3) with the relevant completed strand (Amenity, Arboriculture, or Landscape Construction) as in Section 3 of these regulations.

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6. Schedule of Modules

Note: no value in the pre/co-requisite columns means there are no pre/co-requisites for that module.

| Module Code | Module Name | Level | Credits | Pre-Requisites | Co-Requisites | Assessment Standard |
|---------------------------------------------------|--------------------------------------|-------|---------|----------------|---------------|---------------------|
| Landscape Construction strand (75 Credits) | | | | | | |
| HORT306 | Landscape Design, Site and Safety | 3 | 20 | | | 6401 v6, 6402 v8 |
| HORT307 | Landscaping with Timber | 3 | 15 | | | |
| HORT308 | Landscape Surfaces and Drainage | 3 | 15 | | | |
| HORT309 | Plants for Landscapes | 3 | 15 | | | |
| HORT310 | Landscape Maintenance and Irrigation | 3 | 10 | | | |
| Amenity strand (71 Credits) | | | | | | |
| HORT205 | Plant Nomenclature | 2 | 5 | | | 829 v4 |
| HORT206 | Plant Propagation | 2 | 6 | | | 27708 v1 |
| HORT320 | Soils and Plant Growth | 3 | 6 | | | 22175 v2 |
| HORT325 | Teamwork | 3 | 3 | | | 9681 v7 |
| HORT326 | Active Listening | 3 | 3 | | | 11097 v5 |
| HORT327 | Performance Feedback | 3 | 3 | | | 9705 v7 |
| HORT335 | Botany | 3 | 5 | | | 29829 v1 |
| HORT336 | Amenity Plant Identification | 3 | 7 | | | 24648 v2 |
| HORT340 | Plant and Maintain Plants | 3 | 5 | | | 30250 v1 |
| HORT341 | Amenity Pruning and Training | 3 | 5 | | | 30251 v1 |
| HORT342 | Monitoring Pests and Diseases | 3 | 5 | | | 27207 v1 |
| HORT343 | Amenity Hard Assets | 3 | 3 | | | 30249 v1 |
| HORT344 | Amenity Machinery | 3 | 5 | | | 1667 v7 |
| HORT345 | Amenity Turf Grass | 3 | 5 | | | 30248 v1 |
| HORT346 | Maintain Irrigation | 3 | 5 | | | 22189 v2 |
| Arboriculture strand (74 Credits) | | | | | | |
| HORT101 | Workplace Health and Safety | 1 | 3 | | | 497 v9 |
| HORT102 | Provide Life Support | 1 | 1 | | | 6402 v8 |
| HORT201 | Provide First Aid | 2 | 1 | | | 6401 v6 |
| HORT202 | Chainsaw Rules | 2 | 5 | | | 6916 v8 |

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| HORT203 | Chainsaw Operation | 2 | 8 | HORT101, HORT102, HORT201, HORT202, HORT324 | 6917 v8 |
| HORT204 | Plant Identification | 2 | 5 | | 20574 v3 |
| HORT324 | Managing First Aid in Emergency Situations | 3 | 2 | | 6400 v6 |
| HORT325 | Teamwork | 3 | 3 | | 9681 v7 |
| HORT326 | Active Listening | 3 | 3 | | 11097 v5 |
| HORT327 | Performance Feedback | 3 | 3 | | 9705 v7 |
| HORT328 | Chippers | 3 | 3 | HORT101, HORT102, HORT201, HORT324 | 25399 v1 |
| HORT329 | Ground Duties | 3 | 4 | | 17261 v3 |
| HORT330 | Climbing Equipment | 3 | 3 | | 17256 v3 |
| HORT331 | Amenity Pests and Diseases | 3 | 8 | | 1668 v8 |
| HORT332 | Pruning | 3 | 4 | HORT419 | 2768 v6 |
| HORT333 | Maintain Amenity Trees | 3 | 8 | | 2766 v6 |
| HORT419 | Climbing | 4 | 10 | HORT101, HORT102, HORT201, HORT202, HORT324, HORT329, HORT330 | 2767 v6 |