

Advanced Horticultural Trades

(Level 4)

Leading to the New Zealand Certificate in Horticulture Services

with strands in: Amenity, Arboriculture, Landscape Design and Landscape Construction

Wintec code:	SX1703	MoE:	NZ2674
Level:	4	Credits:	60 - 130
Owner:	Horticulture	Effective Date:	January 2018

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

1. Transition Arrangements

- 1.1 There is an underpinning principle in the application of these transition regulations, that no existing student will be disadvantaged by these arrangements;
- 1.2 This programme is replacing the following programmes:
 - a) SC1015 – National Certificate in Horticulture (Level 4)
 - b) SC1007 – Certificate in Arboriculture (L4) incorporating the National Certificate in Horticulture (Arboriculture) (L4)
- 1.3 Students currently enrolled in either of the programmes SC1015 or SC1007 may complete the requirements for these programmes, but they must complete by 31 December 2019; or
- 1.4 In consultation with the Centre Director/Team Manager or designated equivalent, students may transition from either of the programmes SC1015 or SC1007 across to this new replacement programme.

2. Admission and Entry

2.1 General Academic Admission

- a)
- b) Candidates wishing to enrol on the Amenity strand of this qualification must have completed the New Zealand Certificate in Horticulture (Level 3) with Amenity strand, or equivalent qualifications or work experience to similar level.
- c) Candidates wishing to enrol on the Arboriculture strand of this qualification must have completed the New Zealand Certificate in Horticulture (Level 3) with Arboriculture strand, or equivalent qualifications or work experience to similar level
- d) Candidates wishing to enrol on the Landscape Construction strand of this qualification must have the New Zealand Certificate in Horticulture (Level 3) with Landscape Construction strand, or equivalent qualifications or work experience to similar level.

2.2 Special Admission

Domestic applicants aged 20 years or above who do not meet the entry requirements but whose skills, education or work experience indicate that they have a reasonable chance of success may be eligible for special admission. Special admission will be granted at the discretion of the 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.

2.3 Provisional Entry

Domestic applicants aged under 20 years who do not meet the entry requirements 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 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 Centre Director or designated nominee.

2.4 Selection Criteria

- a) Candidates without relevant qualifications may be required to participate in an interview and selection process. The following may be considered in the selection process:
 - 1) The completion of a Study Skills Assessment to demonstrate the level of academic skill necessary to successfully complete the programme.
 - 2) Previous experience working in the horticulture sector. May include previous employment, voluntary work.
 - 3) Personal qualities such as responsibility, teamwork and practical skills.
 - 4) An aptitude for working in a public environment demonstrated through a reference from an employer where a candidate has worked with the public, or from a teacher attesting to social skills.
 - 5) Candidates wishing to enrol on the Arboriculture strand must have completed the following unit standards: 6400, 6401, 6402, 1668, 2768, 2767, 6916, 6917 and 20574.
 - 6) As some of the practical components within this programme are considered high risk, students may be required to submit to an initial drug screen as per Wintec's Drug & Alcohol Policy (OP-16/04).
- b) To meet legal and health requirements, candidates must be physically able to carry out the practical components of the programme, including the ability to perform practical demonstrations and assessments.
- c) Candidates with disabilities are eligible to enroll in this programme and will be provided with the necessary resources to attain the learning outcomes where practicable, but at the time of enrolment must notify the Equity/Disability Co-ordinator of their needs.
- d) Some delivery maybe at locations which require arboriculture students to undertake a police check.

2.5 English Language Requirements

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

3. Transfer of Credit

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

4. Programme Requirements

- 4.1 Every candidate for the Advanced Horticultural Trades programme shall to the satisfaction of the Academic Board follow a programme of study for a period of normally not less than one semester.
- 4.2 Each candidate's programme will comprise all modules as listed in their chosen strand (Amenity, Arboriculture, Landscape Design or Landscape Construction) listed in Section 7 of these regulations, totalling the minimum of credits specified in that strand.

- 4.3 Candidates undertaking the Amenity strand of the Advanced Horticultural Trades programme will complete all modules listed in Table 7.1, Section 7 of these regulations totalling 130 credits.
- 4.4 Candidates undertaking the Arboriculture strand of the Advanced Horticultural Trades programme will complete all modules listed in Table 7.2, Section 7 of these regulations totalling 100 credits.
- 4.5 Candidates undertaking the Landscape Design strand of the Advanced Horticultural Trades programme will complete all modules listed in Table 7.3, Section 7 of these regulations totalling 60 credits.
- 4.6 Candidates undertaking the Landscape Construction strand of the Advanced Horticultural Trades programme will complete all modules listed in Table 7.4, Section 7 of these regulations totalling 70 credits.

5. Completion of the Programme

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.

6. Award of the Qualification

Candidates who successfully complete the requirements of this programme will be eligible for the award of the New Zealand Certificate in Horticulture Services (Level 4) with a strand in Amenity, Arboriculture, Landscape Design or Landscape Construction.

7. Schedule of Modules

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

Table 7.1 – Amenity strand

Module Code	Module Name	Level	Credits	Pre-Requisites	Co-Requisites	Assessment Standard
HORT428	Plant Collections	4	10			21026 v3
HORT429	Evaluation and Pruning	4	5			21032 v4
HORT430	Turf Botany and Management	4	5			30252 v1
HORT431	Revegetation	4	10			21033 v3
HORT432	Seasonal Management Plan Preparation	4	20			30255 v1
HORT433	Implement and Monitor Seasonal Management Plan	4	25	HORT432		30253 v1
HORT434	Work Program Implementation	4	35	HORT433		30254 v1
HORT435	Work Program Monitoring	4	20	HORT434		30256 v1

Table 7.2 – Arboriculture strand

Module Code	Module Name	Level	Credits	Pre-Requisites	Co-Requisites	Assessment Standard
HORT319	Chainsaw Maintenance	3	10			43 v8
HORT320	Soils and Plant Growth	3	6			22175 v2
HORT321	Tree Identification	3	10			17150 v4
HORT322	Safety Near Electric Lines	3	5			17151 v4
HORT323	Tree Felling	3	10			17257 v3
HORT420	Team Leading	4	5			21335 v4
HORT421	Work Planning	4	5			23704 v1
HORT422	Botany in Horticulture	4	4			3006 v5
HORT423	Tree Health	4	8			2773 v6
HORT424	Tree Pruning	4	10	HORT425		2775 v6
HORT425	Tree Climbing	4	10			2774 v5
HORT426	Sectional Felling	4	10	HORT323, HORT424		25406 v1
HORT427	Tree Work Near Electric Lines	4	7	HORT322		17152 v5

Table 7.3 – Landscape Design strand

Module Code	Module Name	Level	Credits	Pre-Requisites	Co-Requisites	Assessment Standard
LADE410	Garden Design Principles	4	10			
LADE402	Plants & Planting Design	4	20			
LADE403	Garden Design Representation	4	10			
LADE411	Computer Aided Garden Design	4	5			
LADE412	Garden Design Practice	4	15	LADE410 LADE403		

Table 7.4 - Landscape Construction strand

Module Code	Module Name	Level	Credits	Pre-Requisites	Co-Requisites	Assessment Standard
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LADE413	Landscape Design and Site Management	4	15			
LADE414	Landscape Construction Practice	4	20			
LADE415	Soft Landscaping	4	10			
LADE416	Landscape Services	4	10			
LADE417	Landscape Installation	4	15	LADE414		