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

with strands in:	Amenity, Arboriculture, Landscape Construction		
Wintec code:	SX1702	MoE:	NZ2678
Level:	3	Credits:	70 -75
Owner:	Centre for Applied Science and Primary Industries	Effective Date:	January 2024

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

1.   Admission and Entry
   a. General Academic Admission
      i. There is open entry to this programme although students must demonstrate a reasonable likelihood of success.
   b. 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 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.

   c. 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 72 credits, Arboriculture 76 credits, Landscape Construction 77 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.

6.   Schedule of Modules

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

Table A:

Module Code	Module Name	Level	Credits	Pre-Requisites	Co-Requisites	Unit Std & Vers
LANDSCAPE CONSTRUCTION STRAND						
HORT102	Provide Life Support	1	1			6402 V8
HORT201	Provide First Aid	2	1			6401 V6
HORT324	Manage First Aid in Emergency	3	2			6400 V6
HORT325	Teamwork	3	3			9681 V7
HORT326	Active Listening	3	3			11097 V5
LADE200	Workplace safety	2	4			17593 V4
LADE300	Tool Safety	3	8			31076 V1
LADE301	Material Requirements	3	5			22202 V2
LADE302	Timber Construction	3	6			31080 V1
LADE303	Site Setout	3	5			31077 V1

LADE304	Concrete and Reinforcing	3	6			31078 V1
LADE305	Hard Surfaces	3	8			31079 V1
LADE306	Concreting	3	6			22196 V2
LADE307	Drainage	3	8			31073 V1
LADE308	Planting	3	3			31074 V1
LADE309	Turf	3	3			31081 V1
LADE310	Demonstrate knowledge of a horticultural irrigation system	3	5			12395 V4
			77 cr			

Table B:

AMENITY STRAND						
Module Code	**Module Name**	**Level**	**Credits**	**Pre-Requisites**	**Co-Requisites**	**Unit Std & Vers**
HORT206	Plant Propagation	2	6			27708 V2
HORT320	Soils & Plant growth	3	6			22175 V3
HORT325	Teamwork	3	3			9681 V7
HORT326	Active Listening	3	3			11097 V5
HORT327	Feedback	3	3			9705 V7
HORT335	Botany	3	5			29829 V2
HORT336	Amenity Plant Identification	3	7			24648 V2
HORT340	Plant and Maintain Plants	3	5			30250 V2
HORT341	Amenity Pruning and Training	3	5			30251 V2
HORT342	Monitoring Pest & Diseases	3	5			27207 V1
HORT343	Amenity Hard Assets	3	3			30249 V1
HORT344	Amenity Machinery	3	5			1667 V8

HORT345	Amenity Turf Grass	3	5			30248 V2
HORT346	Maintain Irrigation	3	5			22189 V4
HORT101	Workplace Health and Safety	1	3			497 V9
HORT348	Amenity Border Plants	3	3			21031 V4
			72 cr			

Table C:

ARBORICULTURE STRAND						
Module Code	**Module Name**	**Level**	**Credits**	**Pre-Requisites**	**Co-Requisites**	**Unit Std & Vers**
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
HORT203	Chainsaw Operation	2	8	HORT101, HORT102, HORT201, HORT202, HORT324		6917 v8
HORT324	Managing First Aid in Emergency Situations	3	2			6400 v6
HORT325	Teamwork	3	3			9681 V7
HORT326	Active Listening	3	3			11097 v5

HORT328	Chippers	3	3	HORT101, HORT102, HORT201, HORT324		25399 V2
HORT329	Ground Duties	3	4			17261 V4

HORT335	Botany	3	5			29829 V2
HORT322	Safety Near Electric Lines	3	5			17151 V5
ARBO300	Nomenclature and Tree Identification	3	6			31188 V1
ARBO301	Arboriculture Codes of Practice	3	2			31186 V1
ARBO302	Tree Planting	3	2			31183 V1
ARBO303	Understanding Tree Pruning	3	3			31184 V1
ARBO304	Amenity Tree Pruning	3	5			31187 V1
ARBO305	Tree Felling	3	5	HORT203		17257 V4
ARBO400	Climbing and Rescue	4	10	HORT203, ARBO301		31185 V1
			76 cr			