

OTUMOETAI COLLEGE
NCEA HORTICULTURE LEVEL 1 – (L1HORT) 2018

HORTICULTURE – L1HORT					
<i>Course Relationship to the National Vocational Pathways</i>					
Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Services Industries	Social & Community Services	Creative Industries
0	28	0	0	0	0
Course Entry Recommendation of your Year 10 Science Teacher and at the discretion of HOD Science.					
Course Overview This course offers both a “hands-on” experience by maintaining an outdoor garden plot and by growing plants in the greenhouse, together with the opportunity to study some aspects of plant structure, propagation and management. Skills in plant husbandry will be developed together with an understanding of different aspects of Horticulture such as Amenity Horticulture and Landscape Design. Successful completion of the course will lead into L2HORT and also into industry at the entry level.					
Assessment This course will be internally assessed to a selection of Achievement Standards and Unit Standards with students having the opportunity to gain up to 25 credits at Level 1.					
Cost Materials Seeds, fertilizer and potting mix					\$30.00

Description of Course

Welcome to Horticulture for 2018. This course includes standards that have a strong emphasis on practical, ‘hands-on’ activities that relate to growing and propagating plants. All of the standards are assessed internally, during class time. Extra standards are included for those students who have shown themselves able to study at Achievement Standard level.

Record Keeping Requirements

Each student will require a 2B8 book in which daily records of the details of work completed in the gardens, or in class, will be recorded. These records will enable assessments to be made to confirm that each student has fulfilled the criteria in each standard. **Well organised record keeping will be essential for success**, even though the emphasis of the course is on practical work. Incomplete records or a lost book could mean that students will not gain credits for that standard. **Students are expected to bring their own pens, pencils, rulers, etc. to each and every class.**

Safety Requirements

Working in the gardens requires suitable footwear – standard school shoes / sandals will be suitable. Working with the various tools used in the course requires **a mature and responsible attitude towards aspects of safety** – instructions and guidelines given by staff must be followed at all times.

Tool Care & Maintenance

The use of tools will be explained clearly before students will use them. Tools must be used for the purpose for which they were intended, and then when finished with, they must be cleaned and stored in the appropriate place in the shed. **They must be used in a safe, careful manner to ensure the safety of all those working in the garden area.**

Where to Work in the Garden

Students will be assigned an area which they will develop as their own garden, and that area will be the main area in which they work. This garden area will be graded on several aspects and must be maintained to the highest possible standard. From time to time students will be required to work in areas like the propagation area, greenhouse, tool-shed, etc, and each area must be respected and looked after.

Time Frame

The **term planner** shows the timing of each of the standards and it should be noted that several of the standards require **almost an entire term to complete (because plants take time to grow)**. This means that all students will need to display perseverance and patience (as well as diligence), as they carry out their work and endeavour to complete each performance criterion.

STANDARDS FOR 2018

Unit / Achievement Standards	DESCRIPTION	LEVEL	CREDIT
US 1	Prepare and sow outdoor seedbeds manually	1	5
US 23780	Undertake general garden maintenance	1	5
US 23782	Identify containers, materials, plants and tools used in plant propagation	1	2
US 23783	Grow and maintain plants in containers from seed	1	5
AS 90923	Demonstrate knowledge of basic plant propagation techniques	1	4 (Int)
AS 90157	Demonstrate practical skills used in agricultural or horticultural production.	1	4 (Int)
AS 90922*	Design a landscape plan that reflects user requirements	1	4 (Int))
TOTAL			25

YEAR PLANNER 2018 (Guideline)

SUBJECT: LEVEL 1 HORTICULTURE

PLF

TERM 1	Week 1 30 - 2 Feb	Week 2 5 - 9 Feb	Week 3 12 - 16 Feb	Week 4 19 - 23 Feb	Week 5 26 Feb - 2 Mar	Week 6 5 - 9 Mar	Week 7 12 - 16 Mar	Week 8 19 - 23 Mar	Week 9 26 -30 Mar	Week 10 2 – 6 Apr	Week 11 9 – 13 Apr
Context	TOD (JAN 30) Outdoor Seedbeds US 1	Waihangī (6 th) Outdoor Seedbeds US 1	Outdoor Seedbeds US 1	Outdoor Seedbeds US 1	Outdoor Seedbeds US 1	Outdoor Seedbeds US 1	REVIEW & GRADING	Outdoor Seedbeds US 1	Outdoor Seedbeds US 1	Outdoor Seedbeds US 1	Outdoor Seedbeds US 1
Assessment		Demo prac skills used horticultural productions AS 90157	Plants in Containers US 23783	Plants in Containers US 23783	Demo prac skills used horticultural productions AS 90157	Containers & Tools US23782	Plants in Containers US 23783	Demo prac skills used horticultural productions AS 90157	SUMMER TOURNAMENT WEEK	Plants in Containers US 23783	Plants in Containers US 23783

TERM 2	Week 1 30 Apr– 4 May	Week 2 7-11 May	Week 3 14 - 18 May	Week 4 21 -25 May	Week 5 28 May - 1 Jun	Week 6 4 - 8 June	Week 7 11 - 15 June	Week 8 18 -22 June	Week 9 25 -29 June	Week 10 2 -6 July
Context	Plants in Containers US 23783	Outdoor Seedbeds US 1	Demo prac skills used horticultural productions AS 90157	AS 90923 Demo basic plant propagation techniques	Plants in Containers US 23783	Queens Birthday (4) AS 90157 Demo prac skills used horticultural productions AS 90157	AS 90923 Demo basic plant propagation techniques	Outdoor Seedbeds US 1	AS 90923 Demo basic plant propagation techniques	Outdoor Seedbeds US 1
Assessment	Garden Maintenance US 23780	Garden Maintenance US 23780	Garden Maintenance US 23780	Garden Maintenance US 23780	Garden Maintenance US 23780	Garden Maintenance US 23780	REVISION & REVIEW	NCEA PRACTICE EXAMS	Garden Maintenance US 23780	Garden Maintenance US 23780

TERM 3	Week 1 23 -27 July	Week 2 30 – 3 Aug	Week 3 6 - 10 Aug	Week 4 13 - 17 Aug	Week 5 20 - 24 Aug	Week 6 27 -31 Aug	Week 7 3 - 7 Sept	Week 8 10 -14 Sept	Week 9 17 -21 Sept	Week 10 24 -28 Sept
Context	Demo prac skills used horticultural productions AS 90157	Garden Maintenance US 23780	Garden Maintenance US 23780	Garden Maintenance US 23780	Garden Maintenance US 23780	Garden Maintenance US 23780	Garden Maintenance US 23780	Garden Maintenance US 23780	Outdoor Seedbeds US 1	Demo prac skills used horticultural productions AS 90157
Assessment	AS 90923 Demo basic plant propagation techniques	AS 90923 Demo basic plant propagation techniques	AS 90923 Demo basic plant propagation techniques	AS 90923 Demo basic plant propagation techniques	AS 90923 Demo basic plant propagation techniques	Containers & Tools US23782	WINTER TOURNAMENT WEEK	REVISION & REVIEW	NCEA PRACTICE EXAMS	AS 90923 Demo basic plant propagation techniques

TERM 4	Week 1 15 - 19 Oct	Week 2 22 - 26 Oct	Week 3 29 Oct – 2 Nov	Week 4 5 - 10 Nov	Week 5 12 - 16 Nov	Week 6 19 - 24 Nov	Week 7 26 - 30 Nov	Week 8 3- 7 Dec	Week 9 12 - 14 Dec
Context	Containers & Tools US23782	Labour Day (22) Containers & Tools US23782	Containers & Tools US23782						TODs Monday & Tuesday
Assessment	Garden Maintenance US 23780	Outdoor Seedbeds US 1	Plants in Containers US 23783						