

## Primary Industries 2018 Course Outline

### Curriculum Goals:

To provide the student with the opportunity to experience the practical skills and knowledge of the Primary Industries of Viticulture and Winemaking, Horticulture, Forestry, Aquaculture and Conservation. The students will learn to apply principles of health and safety in the context of each primary industry sector. This course is practical and experiential; the students have the opportunity to learn through engaging in realistic and authentic tasks.

Students will select 3 modules to complete during the course of the Trades year. Modules available are: Primary industries – Chainsaw use; Primary Industries – All Terrain Vehicles; Conservation; Aquaculture; Horticulture; Viticulture and Wine. (Modules will be offered subject to sufficient enrolments being received).

**Vocational Pathway:** Primary Industries

### Learner Goals and Outcomes: On completion of this course, the student will be able to:

- Carry out practical tasks and activities within the workplace with close supervision; use safe work practices, follow instructions and use problem solving strategies to adapt to technological and cultural changes in the Primary Industries workplace or environment.
- Understand and use key concepts, knowledge and skills to develop foundation understanding of the Primary Industries sector – through features such as animal and/or plant production systems in the Primary Industries sector.
- Understand and use relevant maths & statistics, science and technology knowledge, skills and practices, and use these in practical delivery and business applications across the Primary Industries sector.
- Manage ongoing change in their working environment as required; adapting to different cultures and to rural patterns of social, living and working arrangements.

**Unit Standards:** Students will undertake a range of unit standards from those specified below, depending on the modules selected by the student

Unit No	Title	Level	Credits	Version	SR/R
<b>Module: Primary Industries – All Terrain Vehicle</b>					
24554	Ride a Quad Bike on flat terrain in the workplace	2	4	2	SR
24557	Demonstrate knowledge of the safe operation of a Quad Bike	2	3	3	SR
<b>Module: Primary Industries – Chainsaw Use</b>					
6916	Demonstrate knowledge of the rules relating to chainsaw use	2	5	8	SR
6917	Demonstrate basic chainsaw operation	2	8	8	SR
<b>Module: Aquaculture</b>					
19852	Outline the salmon farming industry in New Zealand and worldwide	2	10	2	SR
<b>Module: Conservation</b>					
29338	Prepare and use traps to control rural pest animals	3	6	1	
<b>Module: Horticulture</b>					
29492	Care for a nursery crop under close supervision	2	3	1	
23781	Grow and pot up plants from stem cuttings	2	5	1	SR
21212	Harvest a horticulture crop by hand under close supervision	2	5	3	SR
<b>Module: Viticulture and Wine</b>					
29240	Demonstrate knowledge of winemaking processes and procedures	3	6	1	

**Vocational Pathways:** SR = Sector Related; R = recommended

To receive a Vocational Pathways Award, students must gain NCEA Level 2. Within the 80 credits required to achieve NCEA Level 2, 60 of these Level 2 credits must be from the recommended standards in one or more pathways, including 20 Level 2 credits from Sector Related standards.

<b>Methods of Assessment</b> Assessment will include:	<b>Requirement for Successful Completion:</b> To successfully complete the course, the student must:
<ol style="list-style-type: none"><li>1. Workbook completion</li><li>2. Written test</li><li>3. Written and practical demonstrations</li><li>4. Observation of skills (in simulated or real practical situations)</li></ol>	Meet all learning outcomes for this course by successfully completing all assessment requirements.