

## Change for Viticulture Qualification AHC51519 Diploma of Viticulture

Over the past 18 months The Industry Skills Council and Skills Impact have conducted a review into the Viticulture Diploma Training Package, which was recently endorsed by the Federal Government. A summary is found below with a request for feedback on the make up of the new course.

At the start of this project industry identified that the current Diploma of Viticulture did not reflect the full breadth of the sector, focusing too heavily on wine. The qualification also needed to reflect skills in leadership and management that are required of staff in a management role within the viticulture industry.

Biosecurity has become an increasing concern for Australian viticulture, with an outbreak of the devastating phylloxera aphid in Victoria earlier this year. Individuals with the ability to plan and manage biosecurity measures are integral to the longevity of grape growing in Australia – (particularly as many operators rely on seasonal workers during harvest).



“Australia’s geographic isolation has meant that we have relatively few of the pests that affect viticulture industries overseas. Continued freedom from exotic pests is a vital part of the future profitability and sustainability of Australia’s viticulture industry.” ([Plant Health Australia](#))

Specific knowledge of viticulture, including biosecurity, organic and biodynamic practices, soil and water systems is needed to effectively work in the sector. However, this knowledge cannot be effectively implemented without individuals who have the skills to manage and lead a team.

Thanks to the input of a wide range of industry experts, the viticulture industry now has access to an updated Diploma of Viticulture and associated units of competency. The revised diploma includes core units focusing on biosecurity, along with managing staff, soil and water systems. Changes to the qualification and units also reflect the various contexts within the sector – as this qualification needs to be appropriate for grape growing practices, (Viticulture).

I am requesting your feedback on the Elective units you feel are most relevant to your worksite in the newly endorsed AHC51519 Diploma of Viticulture (Grape Production) course.

The new package has been significantly strengthened to include ten (10) units of competency, six (6) core units and four electives, following significant industry feedback. In our role of supporting our larger industry. It is critical that we continue to deliver the best training to suit your needs. To that end, I have commenced planning for the implementation in 2020.

I have included a summary of the new AHC51519 Diploma of Viticulture Curriculum for your benefit. The Core units are mandatory for all students undertaking the qualification. However, I request your feedback on the **Elective units** we are going to offer our students at Kurri Kurri Campus. I therefore would like you to indicate the four (4) elective units in the table below you feel most relevant to your business and return your feedback to me by the close of business on Friday December 6th, 2019 by return email at: [albert.sherry@tafensw.edu.au](mailto:albert.sherry@tafensw.edu.au). For further information please feel free to contact me on office (02) 4936 0215.

Albert Sherry  
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## Elective Unit Feedback

**Vineyard:** \_\_\_\_\_

Please select FOUR (4) units from the list below you feel most relevant to your business.

Unit Code	Competency	Select four (4) units
AHCBER501	Manage active operational emergency disease or plant pest sites	
AHCBIO302	Identify and report unusual disease or plant pest signs	
AHCBUS513	Market products and services	
AHCBUS514	Negotiate and monitor contracts	
AHCBUS515	Prepare estimates, quotes and tenders	
AHCBUS516	Develop and review a business plan	
AHCBUS518	Prepare and monitor budgets and financial reports	
AHCCHM501	Develop and manage a chemical use strategy	
AHCMOM311	Operate precision control technology	
AHCMOM501	Manage machinery and equipment	
AHCMOM502	Implement a machinery management system	
AHCORG507	Develop an organic or biodynamic management plan	
AHCORG508	Prepare the enterprise for organic or biodynamic certification	
AHCPCM501	Diagnose plant health problems	
AHCPHT507	Evaluate grapes for production	
AHCPHT509	Evaluate wine	
AHCPHT510	Manage a wine making process	
AHCWHS502	Manage work health and safety processes	
AHCWRK512	Plan, implement and review a quality assurance program	
TLIL5019	Implement and monitor transport logistics	
TLIR4002	Source goods/services and evaluate contractors	

RTO 90003

Signature: \_\_\_\_\_ Position: \_\_\_\_\_ Date: \_\_\_\_\_

# AHC51519 Diploma of Viticulture (Grape Production)

## Description

This qualification describes the skills and knowledge of those in management roles within the viticulture industry. Individuals with this qualification will take personal responsibility and exercise autonomy in undertaking complex work. They must analyse information and exercise judgement to complete a range of advanced skilled activities.

Work must comply with work health and safety and environmental regulations and legislation that apply to the workplace.

No licensing, legislative or certification requirements apply to this qualification at the time of publication.

## Entry Requirements

There are no formal entry requirements for this qualification.

## Packaging Rules

To achieve this qualification, competency must be demonstrated in:

- 10 units of competency:
  - 6 core units plus
  - 4 elective units.

Elective units must ensure the integrity of the qualification’s Australian Qualification Framework (AQF) alignment and contribute to a valid, industry-supported vocational outcome. The electives are to be chosen as follows:

- 2 must be from the electives listed below
- 2 from the remaining electives listed below, or any currently endorsed Training Package or accredited course.

## Core Units

AHCBAC509	<p>Plan and manage long-term weed, pest and disease control in crops</p> <p><a href="https://training.gov.au/Training/Details/AHCBAC509">https://training.gov.au/Training/Details/AHCBAC509</a></p> <p><u>Major areas of content are:</u></p> <ul style="list-style-type: none"> <li>• Source information for input to weed, pest and disease control planning</li> <li>• Determine long-term weed, pest and disease control strategies</li> <li>• Provide input to other planning processes</li> <li>• Determine scheduling and key responsibilities</li> <li>• Monitor and adjust weed, pest or disease control strategies</li> <li>• Evaluate weed, pest and disease control strategies and record result</li> </ul>
AHC BIO305	<p>Apply biosecurity measures</p> <p><a href="https://training.gov.au/Training/Details/AHC BIO305">https://training.gov.au/Training/Details/AHC BIO305</a></p> <p><u>Major areas of content are:</u></p> <ul style="list-style-type: none"> <li>• Identify biosecurity threats and determine control measures for a farm</li> <li>• Apply biosecurity control measures to all farm activities</li> <li>• Maintain records related to biosecurity activity</li> <li>• Monitor biosecurity procedures</li> </ul>

AHCBUS511	<p>Manage enterprise staff requirements</p> <p><a href="https://training.gov.au/Training/Details/AHCBIO305">https://training.gov.au/Training/Details/AHCBIO305</a></p> <p><u>Major areas of content are:</u></p> <ul style="list-style-type: none"> <li>• Identify biosecurity threats and determine control measures for a farm</li> <li>• Apply biosecurity control measures to all farm activities</li> <li>• Maintain records related to biosecurity activity</li> <li>• Monitor biosecurity procedures</li> </ul>
AHCPTH508	<p>Develop a grape production plan</p> <p><a href="https://training.gov.au/Training/Details/AHCPTH508">https://training.gov.au/Training/Details/AHCPTH508</a></p> <p><u>Major areas of content are:</u></p> <ul style="list-style-type: none"> <li>• Carry out preliminary planning activities</li> <li>• Determine the production requirements for grapes</li> <li>• Schedule grape production activities</li> <li>• Plan monitoring of the grape production plan</li> <li>• Match grape production to required output</li> <li>• Prepare and document the grape production plan and specifications</li> </ul>
AHCSOL505	<p>Monitor and manage soils for production</p> <p><a href="https://training.gov.au/Training/Details/AHCSOL505">https://training.gov.au/Training/Details/AHCSOL505</a></p> <p><u>Major areas of content are:</u></p> <ul style="list-style-type: none"> <li>• Research information about soil</li> <li>• Apply information from soil testing to production or management plan</li> <li>• Develop soil amendment practices</li> <li>• Monitor soil amendment practices</li> <li>• Review and document the soil management plan</li> </ul>
AHCWAT503	<p>Manage water systems</p> <p><a href="https://training.gov.au/Training/Details/AHCWAT503">https://training.gov.au/Training/Details/AHCWAT503</a></p> <p><u>Major areas of content are:</u></p> <ul style="list-style-type: none"> <li>• Assess soil and water resources for crop and plant type</li> <li>• Determine the feasibility of using or up-grading irrigation system</li> <li>• Install or maintain an irrigation or drainage system</li> <li>• Assess the need for water inputs</li> <li>• Monitor irrigation system and plant response</li> <li>• Evaluate irrigation system performance</li> </ul>

## Elective Units

AHCBER501	<p>Manage active operational emergency disease or plant pest sites</p> <p><a href="https://training.gov.au/Training/Details/AHCBER501">https://training.gov.au/Training/Details/AHCBER501</a></p> <p><u>Major areas of content are:</u></p> <ul style="list-style-type: none"> <li>• Plan control procedures across the declared area</li> <li>• Manage the implementation of control procedures</li> <li>• Monitor and review the effectiveness of control procedures</li> <li>• Implement review findings</li> </ul>
AHC BIO302	<p>Identify and report unusual disease or plant pest signs</p> <p><a href="https://training.gov.au/Training/Details/AHC BIO302">https://training.gov.au/Training/Details/AHC BIO302</a></p> <p><u>Major areas of content are:</u></p> <ul style="list-style-type: none"> <li>• Identify signs of unusual disease or a plant pest</li> <li>• Report signs of unusual disease or a plant pest</li> </ul>
AHC BUS513	<p>Market products and services</p> <p><a href="https://training.gov.au/Training/Details/AHC BUS513">https://training.gov.au/Training/Details/AHC BUS513</a></p> <p><u>Major areas of content are:</u></p> <ul style="list-style-type: none"> <li>• Analyse market information</li> <li>• Identify and evaluate factors to include in a marketing plan</li> <li>• Develop a marketing plan for products and services</li> <li>• Determine promotional strategies</li> <li>• Implement marketing activities</li> <li>• Evaluate marketing performance</li> </ul>
AHC BUS514	<p>Negotiate and monitor contracts</p> <p><a href="https://training.gov.au/Training/Details/AHC BUS514">https://training.gov.au/Training/Details/AHC BUS514</a></p> <p><u>Major areas of content are:</u></p> <ul style="list-style-type: none"> <li>• Define agreements with external parties to the business for service provision</li> <li>• Complete the formal agreement</li> <li>• Monitor the performance of contracts</li> </ul>
AHC BUS515	<p>Prepare estimates, quotes and tenders</p> <p><a href="https://training.gov.au/Training/Details/AHC BUS515">https://training.gov.au/Training/Details/AHC BUS515</a></p> <p><u>Major areas of content are:</u></p> <ul style="list-style-type: none"> <li>• Carry out preliminary planning activities for estimating, quoting and tendering</li> <li>• Determine resource requirements</li> <li>• Prepare schedules for the estimate, quote or tender</li> <li>• Prepare and document the estimate, quote or tender for submission to the client</li> </ul>
AHC BUS516	<p>Develop and review a business plan</p> <p><a href="https://training.gov.au/Training/Details/AHC BUS516">https://training.gov.au/Training/Details/AHC BUS516</a></p> <p><u>Major areas of content are:</u></p> <ul style="list-style-type: none"> <li>• Determine scope of business plan</li> <li>• Prepare business plan</li> <li>• Document and review business plan</li> </ul>

AHCBUS518	<p>Prepare and monitor budgets and financial reports</p> <p><a href="https://training.gov.au/Training/Details/AHCBUS518">https://training.gov.au/Training/Details/AHCBUS518</a></p> <p><u>Major areas of content are:</u></p> <ul style="list-style-type: none"> <li>• Prepare a budget</li> <li>• Implement and monitor a budget</li> <li>• Prepare financial report</li> </ul>
AHCCHM501	<p>Develop and manage a chemical use strategy</p> <p><a href="https://training.gov.au/Training/Details/AHCCHM501">https://training.gov.au/Training/Details/AHCCHM501</a></p> <p><u>Major areas of content are:</u></p> <ul style="list-style-type: none"> <li>• Identify and evaluate need for chemical use</li> <li>• Develop a chemical use risk management strategy</li> <li>• Develop and implement procedures for chemical management and use</li> <li>• Identify training and supervision needs and solutions for chemical use in the workplace</li> <li>• Monitor and evaluate the implementation of a chemical use strategy</li> </ul>
AHCMOM311	<p>Operate precision control technology</p> <p><a href="https://training.gov.au/Training/Details/AHCMOM311">https://training.gov.au/Training/Details/AHCMOM311</a></p> <p><u>Major areas of content are:</u></p> <ul style="list-style-type: none"> <li>• Prepare precision technology for use</li> <li>• Operate precision technology</li> <li>• Complete work</li> </ul>
AHCMOM501	<p>Manage machinery and equipment</p> <p><a href="https://training.gov.au/Training/Details/AHCMOM501">https://training.gov.au/Training/Details/AHCMOM501</a></p> <p><u>Major areas of content are:</u></p> <ul style="list-style-type: none"> <li>• Evaluate machinery and equipment usage</li> <li>• Coordinate machinery and equipment maintenance</li> <li>• Monitor operation</li> </ul>
AHCMOM502	<p>Implement a machinery management system</p> <p><a href="https://training.gov.au/Training/Details/AHCMOM502">https://training.gov.au/Training/Details/AHCMOM502</a></p> <p><u>Major areas of content are:</u></p> <ul style="list-style-type: none"> <li>• Establish machinery and equipment requirements</li> <li>• Select and manage machinery services provided by off-property suppliers</li> <li>• Manage machinery maintenance</li> <li>• Manage machinery and equipment operation</li> </ul>

AHCORG507	<p>Develop an organic or biodynamic management plan  <a href="https://training.gov.au/Training/Details/AHCORG507">https://training.gov.au/Training/Details/AHCORG507</a></p> <p><u>Major areas of content are;</u></p> <ul style="list-style-type: none"> <li>• Locate and access assistance in developing the OMP or BMP</li> <li>• Design the organic farming system to be described in the OMP or BMP</li> <li>• Develop soil fertility plan</li> <li>• Develop soil management sub-plan</li> <li>• Develop weed management sub-plan</li> <li>• Develop and design an integrated pest and disease management sub-plan</li> <li>• Develop animal health and management sub-plan</li> <li>• Develop an environmental management sub-plan</li> <li>• Integrate and finalise the OMP or BMP</li> </ul>
AHCORG508	<p>Prepare the enterprise for organic or biodynamic certification  <a href="https://training.gov.au/Training/Details/AHCORG508">https://training.gov.au/Training/Details/AHCORG508</a></p> <p><u>Major areas of content are;</u></p> <ul style="list-style-type: none"> <li>• Investigate and access information sources and support for conversion to organic or biodynamic production</li> <li>• Conduct a risk assessment of the site</li> <li>• Develop and implement hazard analysis critical control point (HACCP) based procedures</li> <li>• Manage customer feedback</li> </ul>
AHCPCM501	<p>Diagnose plant health problems  <a href="https://training.gov.au/Training/Details/AHCPCM501">https://training.gov.au/Training/Details/AHCPCM501</a></p> <p><u>Major areas of content are;</u></p> <ul style="list-style-type: none"> <li>• Monitor factors that influence plant health</li> <li>• Diagnose plant health problems</li> <li>• Remedy plant health problems</li> <li>• Evaluate treatment program</li> </ul>
AHCPTH507	<p>Evaluate grapes for production  <a href="https://training.gov.au/Training/Details/AHCPTH507">https://training.gov.au/Training/Details/AHCPTH507</a></p> <p><u>Major areas of content are;</u></p> <ul style="list-style-type: none"> <li>• Collect samples</li> <li>• Process samples</li> <li>• Evaluate samples</li> <li>• Taste and evaluate wine</li> <li>• Monitor and evaluate vineyard</li> <li>• Analyse effects in grape quality</li> </ul>

AHCPTH509	<p>Evaluate wine</p> <p><a href="https://training.gov.au/Training/Details/AHCPTH509">https://training.gov.au/Training/Details/AHCPTH509</a></p> <p><u>Major areas of content are;</u></p> <ul style="list-style-type: none"> <li>• Analyse chemical components of wine</li> <li>• Resolve winemaking problems</li> <li>• Taste and evaluate a wine</li> <li>• Analyse the effect of winemaking techniques on wine</li> <li>• Analyse the effect of site characteristics, vineyard management practices and grape varieties on wine quality</li> <li>• Analyse current packaging methods, bottle closure methods and wine labelling laws</li> </ul>
AHCPTH510	<p>Manage a wine making process</p> <p><a href="https://training.gov.au/Training/Details/AHCPTH510">https://training.gov.au/Training/Details/AHCPTH510</a></p> <p><u>Major areas of content are;</u></p> <ul style="list-style-type: none"> <li>• Determine wine and wine making process</li> <li>• Acquire, deliver and prepare grapes for fermentation</li> <li>• Initiate a ferment</li> <li>• Manage primary fermentation</li> <li>• Manage secondary fermentation</li> <li>• Mature wine in storage vessels</li> </ul>
AHCWHS502	<p>Manage work health and safety processes</p> <p><a href="https://training.gov.au/Training/Details/AHCWHS502">https://training.gov.au/Training/Details/AHCWHS502</a></p> <p><u>Major areas of content are;</u></p> <ul style="list-style-type: none"> <li>• Develop health and safety policies and procedures</li> <li>• Establish and maintain processes to ensure the participation of all employees in the application of health and safety</li> <li>• Establish and maintain procedures for managing work health and safety risks</li> <li>• Plan and manage enterprise procedures for dealing with potential emergency events</li> <li>• Establish and maintain a health and safety induction and training program</li> <li>• Establish and maintain a system for health and safety records</li> <li>• Evaluate the enterprise health and safety system</li> </ul>
AHCWRK512	<p>Plan, implement and review a quality assurance program</p> <p><a href="https://training.gov.au/Training/Details/AHCWRK512">https://training.gov.au/Training/Details/AHCWRK512</a></p> <p><u>Major areas of content are;</u></p> <ul style="list-style-type: none"> <li>• Determine quality assurance objectives for the workplace</li> <li>• Plan the quality assurance program and develop implementation strategies</li> <li>• Implement the quality assurance program</li> <li>• Review the quality assurance program</li> </ul>



TLIL5019	<p>Implement and monitor transport logistics <a href="https://training.gov.au/Training/Details/TLIL5019">https://training.gov.au/Training/Details/TLIL5019</a></p> <p><u>Major areas of content are:</u></p> <ul style="list-style-type: none"><li>• Mobilise resources</li><li>• Coordinate multi-modal transport activities</li><li>• Monitor consignment tracking</li><li>• Implement contingency management strategy</li></ul>
TLIR4002	<p>Source goods/services and evaluate contractors <a href="https://training.gov.au/Training/Details/TLIR4002">https://training.gov.au/Training/Details/TLIR4002</a></p> <p><u>Major areas of content are:</u></p> <ul style="list-style-type: none"><li>• Analyse supply requirements</li><li>• Evaluate potential contractors</li></ul>