

CERTIFICATE IV IN AGRICULTURE

specialising in Beef Production

GROUP A UNITS

RTC4701A Implement and monitor the enterprise OHS program

This competency standard covers the process of implementing and monitoring the enterprise OHS program. It requires the ability to provide information to the work group about OHS, facilitate the participation of workers, implement and monitor enterprise procedures for identifying hazards and assessing and controlling risks, dealing with emergencies and hazardous events, and maintain occupational health and safety records. Implementing and monitoring the enterprise OHS program requires knowledge of hazards in the workplace, relevant OHS legislation and Codes of Practice, risk control measures, hierarchy of risk control, and relevant enterprise management systems and procedures.

RTC4702A Minimise risks in the use of chemicals

This competency standard covers the process of developing, implementing and monitoring a risk control strategy in a workplace where chemicals are being handled and used. It requires knowledge of legislation and regulations surrounding chemical use, the ability to develop and implement procedures to ensure minimum risk to users, the environment and the produce, and the ability to carry out a risk assessment.

RTC4908A Supervise work routines and staff performance

This competency standard covers the functions associated with the coordination and direction of staff. It requires the application of skills and knowledge to provide information and guidance to personnel in the conduct of their duties, facilitate staff discussions and agreements, and provide constructive evaluation to staff members. The work functions associated with this standard would usually be undertaken independently and with minimal reporting requirements.

RTE4104A Develop livestock feeding plans

This competency standard covers the functions required to design and develop feeding plans for livestock. It requires the application of knowledge and skills to accurately match feed supply to livestock nutritional requirements. It also requires a knowledge of supplementary feeding systems and cost analysis processes. The work in this standard is likely to be carried out independently within own area of responsibility and enterprise guidelines.

RTE4110A Supervise natural mating of livestock

This competency standard covers the process of supervising natural mating of livestock. Competency requires the application of knowledge and skills to identify appropriate mating plans, the selection of appropriate joining areas and sires, preparing animals including ensuring adequate nutrition and live-weight. Competency also requires the application of skills and knowledge to monitor mating and take remedial action where needed, to record data and monitor and report on the effectiveness of the mating program.

RTE4119A Supervise animal health programs

This competency standard covers the functions required to supervise animal health programs. It requires the application of skills and knowledge to observe animal health status, administer medications and conduct post-mortems. The work in this standard is likely to be carried out independently within own area of responsibility within enterprise guidelines.

GROUP B UNITS

RTC4703A Plan and implement a chemical use program

This competency standard covers the process of planning and implementing a program for the use of chemicals in a workplace. It involves using chemicals as well as supervising others in the use of chemicals concerned, and the ability to modify application requirements as needed. It involves decision making in regards to the risk control measures to be applied when using chemicals in different situations, monitoring safety procedures, and ensuring that others are trained sufficiently in the use of the chemical concerned. It involves the selection and management of chemical application systems.

RTC4905A Cost a project

This competency standard covers the process of obtaining, calculating, summarising and presenting the costs of materials, equipment and labour for a project to the best financial advantage of a rural, horticultural or land management enterprise. Costing a project is likely to be undertaken without supervision with only general guidance on progress sought by managers. Costing a project requires a broad range of analytical skills and involves the application of extensive underpinning knowledge that includes pricing structures and project financial requirements.

RTC4911A Operate within a budget framework

This competency standard covers the process of operating within an allocated cash flow budget in a rural, horticultural or land management setting. It requires the ability to participate in formulation of a budget, and supervise and monitor financial transactions. Operating within a budget framework requires knowledge of banking routines, record keeping systems for receipts and expenditure, cash flow analysis, and costing and forecasting mechanisms.

RTE4011A Manage pastures for livestock production

This competency standard covers the work required to manage pastures for livestock production. It requires the application of skills and knowledge to set objectives to maximise pasture resources, and involves the implementation of strategies to ensure the sustainability of the land, and an awareness of resource use, as well as the capacity to introduce specific control measures to deal with infestations. Managing pastures for livestock production requires a broad range of agricultural skills, and involves the application of underpinning knowledge with depth in some areas such as pasture selection, planting and harvesting.

RTE4108A Manage horses for stockwork

This competency standard covers the process of managing horses for stockwork. Competency requires the application of knowledge and skills to assess horse health and condition and facilitate corrective actions, determine nutritional programs, and formulate suitable rations. Competency also requires the ability to oversee all horse work on the property to ensure safety and efficiency of personnel. At the completion of the work described in this standard, the efficiency of horse related operations must be maximised.

The work is likely to be carried out with limited or no supervision within enterprise guidelines.

RTE4202A Design livestock handling/accommodation facilities

This competency standard covers the functions required to plan and design handling and/or accommodation facilities for livestock.

It requires the application of skills and knowledge to identify and incorporate both livestock needs and enterprise objectives into an efficient and cost-effective design. Competency requires an awareness of industry development with respect to handling technologies. The work in this standard is likely to be carried out independently within own area of responsibility.

QUALIFICATION PACKAGING RULES

The Suggested Study Plan (*above*) has been aligned to the following qualification packaging rules.

A total of 12 units of competency must be completed

- 5 units from Group A
- 5 additional units from Group A and/or B
- 2 additional units from Group A, B and/or C

Units should be selected from Group A and Group B in accordance with local work undertaken and local industry advice.

At least 10 of the units of competency presented for this qualification must relate to beef production work procedures, activities or contexts. In addition, at least 10 of the units selected to make up this qualification must be aligned clearly to Certificate IV outcomes.