

National Certificate Animal Production NQF 1



^ PURPOSE

The purpose of this qualification is to allow junior personnel and elected candidates to progress towards a position of farm labourers (operators) with specific reference to animal production. The learner will be able to perform directed activities and take responsibility for guiding others at a lower level within an animal production context. Competency will be gained in any of the specialised sub-fields of animal production as specified under areas of specialisation (i.e., small stock, large stock, dairy production, aquaculture, etc.). The learner will be able to make responsible decisions within a familiar range based on a sound understanding of the basic principles of agribusiness and good agricultural practices, in meeting the set objectives and targets within the broader farm plan, which includes the economical application of general resources, agricultural production, and technical knowledge and skills, all in an animal production context. The learner will be able to carry out familiar procedures in a limited environment and will be able to adhere to the relevant safety, quality, hygiene, and technical standards as applicable within the industry. In addition to the above, the learner will be well positioned to extend learning and practice into other sub-fields such as plant production and mixed farming, since such efforts will only require additional learning within the elective scope of other qualifications at this level. The learner will be well positioned to progress towards higher levels of management and technical production practices as defined by qualifications at the next level. Learners will be enabled to actively participate in the primary agricultural sector through the production of quality agricultural products, enhancing the overall agricultural process and gaining opportunities to access local, national, and international agricultural markets.

^ COURSE CONTENT

Module 1: Mathematical Literacy

- Analyse cultural products and processes as representations of shape, space and time
- Describe and represent objects and the environment in terms of shape, space, time and motion
- Critically analyse how mathematics is used in social, political and economic relations
- Demonstrate an understanding of and use the numbering system
- Use maps to access and communicate information concerning routes, location and direction
- Working with numbers in various contexts

Module 2: Communication

- Engage with aesthetic, effective, cultural and social values in texts
- Explore and use a variety of strategies to learn (revised)
- Read and respond to a range of text types
- Show a critical awareness of language usage
- Use appropriate communication skills, conventions and structures for specific purposes and situations

Module 3: Farming Principles

- Demonstrate a critical understanding of the role and impact of technology in society
- Demonstrate an understanding of agricultural production management practices in relation to the socio-economic environment
- Demonstrate an understanding of the physical and biological environment and its relationship to sustainable crop production
- Show, explain, discuss and analyse the relationship between society and natural environment
- Demonstrate an understanding of soil preparation
- Demonstrate an understanding of the cultivation of soil and the control of weeds

^ COURSE CONTENT

Module 4: Agricultural Business ▼

- Demonstrate an understanding of contracts and their sources
- Demonstrate an understanding of how scientific skills and knowledge could contribute to sustainable use of resources
- Demonstrate an understanding of the principles of supply and demand, and the concept: production
- Discuss development, utilisation, and management of human and natural resources
- Operate in a team

Module 5: Health and Safety Principles ▼

- Demonstrate skills that relate to a safe and secure environment
- Demonstrate an understanding of HIV/AIDS and its implications
- Maintain occupational health and safety
- Demonstrate an understanding of occupational health, safety and environmental legislation relevant to the food or beverage environment

Module 6: Farming Practices ▼

- Erect and maintain wire fencing
- Harvest crops manually
- Irrigate crops to maintain a predetermined moisture content
- Control weeds, pests and plant diseases in an agricultural field using chemicals
- Apply fertiliser manually
- Control nematodes manually using chemicals
- Control weeds manually

^ DELIVERY

- Duration: 12 Months
- Delivery: Classroom/Online/Blended

^ ENTRY LEVEL REQUIREMENTS

- Numeracy, Literacy & Communication NQF 1
- Technical skills pertaining to agricultural activities NQF 1

^ CAREER POSSIBILITIES

- Farmer/Farm Worker specialising in Animal Production
- Farm Supervisor
- Farm Team Leader

ACCREDITATION

- National Certificate: Animal Production
- Accreditation: Agri Seta
- SAQA ID: 48970
- NQF Level: 1
- Credits: 120

MORE INFO

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