

# National Certificate Animal Production NQF 1

## ^ PURPOSE

This qualification is designed to provide new entrants with access to the Primary Agricultural Sector in Animal Production. It aims to equip learners with the foundational knowledge and skills required to participate effectively in agricultural processes under supervision.

- Enabling learners to participate in agricultural processes and gain competence in specialised sub-fields of Animal Production
- Developing an understanding of basic agri-business principles and agricultural practices
- Building skills to make responsible decisions within a limited range of farming operations
- Supporting local economic development through agricultural production
- Allowing horizontal progression between different animal production categories (small stock, large stock, dairy, aquaculture, etc.)
- Providing a pathway to NQF Level 2 qualifications for career advancement

This qualification prepares learners to contribute to local, national, and international agricultural markets while developing a solid foundation in animal production practices.

## ^ 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

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