

# National Certificate: Plant Production NQF 1



## ^ PURPOSE

The purpose of this qualification is to allow new entrants access to the primary agricultural sector with specific reference to plant production. The contextualised purpose and usage of the qualification is as follows:

- A learner assessed against this qualification will have the necessary competence to participate as part of a working team, performing the agricultural processes as applicable to plant production in a closely defined context and under close supervision.

## ^ COURSE CONTENT

### Module 1: Mathematical Literacy

- Working with numbers in various contexts
- Officially analyse how mathematics is used in social, political, and economic relations
- Collect, analyse, use and communicate numerical data
- Demonstrate an understanding and use of the numbering system
- Describe and represent objects and the environment in terms of shape, space, and time
- Analyse cultural products as representations of shape, space, and time

### Module 2: Communication

- Use maps to access and communicate information concerning routes, locations and directions
- Engage in a range of speaking and listening interactions for a variety of purposes
- Read and respond to a range of text types
- Write for a variety of different purposes
- Explore and use a variety of strategies to learn (revised)

### Module 3: Agricultural Business

- Apply basic agricultural enterprise selection principles
- Identify the need for capital and understand the need for the recording of income and different costs in an agri-business
- Apply basic human resource management principles and practices applicable in an agricultural environment
- Handle inputs and stock in agri-business
- Demonstrate an understanding of the importance of marketing
- Define production and understand the basic activities of production and conversion in the agri-business environment

### Module 4: General Agricultural Practices

- Collect agricultural data
- Apply basic food safety practices
- Maintain basic water quality
- Select, use and care for hand tools, basic equipment and infrastructure
- Operate and maintain irrigation systems

## ^ COURSE CONTENT

### Module 5: Plant Production ▼

- Demonstrate a basic understanding of the structure and function of a plant in relation to its environment
- Plant the crop under supervision
- Harvest agricultural crops
- Recognise pests, diseases, and weeds on crops
- Propagate plants
- Fertilise the soil and attend to basic plant nutrition

### Module 6: Animal Production ▼

- Natural Resource Management

### Module 7: Agricultural Business ▼

- Demonstrate an understanding of the basic concepts of sustainable farming systems
- Understand how sustainable farming systems conserve natural resources
- Apply elementary farm layout and infrastructure
- Demonstrate an understanding of agricultural / ecotourism as a system at the micro-level
- Identify and explain permaculture principles

## ^ DELIVERY

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

## ^ ENTRY LEVEL REQUIREMENTS

- Entry Level Requirement: Numeracy, Literacy & Communication equal to ABET 3

## ^ CAREER POSSIBILITIES

- Farm Worker specialising in plant production (Pest Controller // Irrigationist)
- Farm Supervisor
- Farm Team Leader

## ^ ACCREDITATION

- National Certificate: Plant Production NQF 1
- Accreditation: Agri Seta
- SAQA ID: 48972
- NQF Level: 1
- Credits: 120

MORE INFO

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