

National Certificate: Plant Production NQF 3

PURPOSE

The purpose of this qualification is to allow supervisors to progress towards a junior farm manager position with specific reference to plant production.

COURSE CONTENT

Module 1: Communication

- Accommodate audience and contexts in oral communication
- Interpret a variety of literary texts
- Interpret and use information from texts
- Write texts for a range of communicative contexts
- Engage in sustained oral communication and evaluate spoken texts
- Read, analyse and respond to a variety of texts
- Use language and communication in occupational learning programmes
- Write for a wide range of contexts

Module 2: Mathematical Literacy

- Apply knowledge of statistics and probability to critically interrogate and effectively communicate findings on life-related problems
- Implement a data collection plan
- Measure, estimate & calculate physical quantities & explore, critique & improve geometrical relationships in 2- and 3-dimensional space in the life and workplace of adults with increasing responsibilities
- Use mathematics to investigate and monitor the financial aspects of personal, business, national, and international issues

Module 3: General Agricultural Practices

- Plan and maintain environmentally sound agricultural process
- Apply effective and responsible integrated pest, disease & weed control
- Develop a harvesting plan for a specific agricultural crop
- Schedule the operation and maintenance of irrigation systems

Module 4: Agricultural Business

- Assume co-responsibility & participation in human resource management
- Give an overview of the industry structure
- Implement a food safety and quality management system in the agricultural supply chain
- Prepare a whole farm budget and establish a properly integrated information system for an Agri-business
- Participate in the development and management of an agricultural marketing plan
- Procure and manage agricultural input
- Implement a permaculture site design

^ COURSE CONTENT

Module 5: Plant Production Principles ▼

- Demonstrate a basic understanding of the physiological processes in plant growth and development
- Implement soil fertility and plant nutrition practices
- Manage plant manipulation methods of an agricultural crop
- Manage water quality parameters
- Propagate plants in a variety of situations
- Produce crop in a hydroponic system

^ DELIVERY

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

^ ENTRY LEVEL REQUIREMENTS

- Numeracy, Literacy & Communication NQF 2 Technical skills pertaining to agricultural activities NQF 2

^ CAREER POSSIBILITIES

- Farm Worker specialising in plant production (Pest controller or irrigationist)
- Farm Supervisor
- Farm Team Leader
- Farm Manager

^ ACCREDITATION

- National Certificate: Plant Production
- Accreditation: AGRI SETA
- SAQA ID: 48975
- NQF Level: 2
- Credits: 120

MORE INFO

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