





Vision

"Igniting the spirit of agricultural excellence."



Mission

- To Develop South African Agriculturists.
- To Provide Agricultural Related Training, Facilitation, Moderation, And Project Management To All Stakeholders.
- To Lobby And Advocate For The Development Of Agricultural Enterprises.

Values

- Honesty
- Integrity
- Ubuntu
- Passion
- Kaizen



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Qualifications	Discipline	Level	SAQA ID	Duration

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National Diploma	Agricultural Extension	5 & 6	59550 & 63249	2 & 3 Years
National Diploma	Animal Production	5	49011	2 Years
National Diploma	Plant Production	5	49010	2 Years
National Certificate	Animal Production	1,2, & 4	48970, 48976 & 48979	12 Months
National Certificate	Plant Production	3 & 4	49052 & 49009	12 Months
National Certificate	Mixed Farming	1&2	48971 & 48977	12 Months
National Certificate	Poultry Production	3	49578	12 Months
National Certificate	Horticulture	2	66589	12 Months
National Certificate	Wool And Mohair	2	50228	12 Months
National Certificate	Agric Sales & Services	4	14854	12 Months

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COURSES	REQUIREMENTS	CREDITS
Agricultural Extension	Grade 12 passed with Diploma/Bachelor	240
Animal Production (DIPLOMA)	Grade 12 passed with Diploma/Bachelor Level 5	240
Plant Production (DIPLOMA)	Grade 12 passed with Diploma/Bachelor	240
Animal Production (NATIONAL CERTIFICATE)	Grade 12 passed with Higher Certificate, Grd 9 & 10 Level 4, 1 & 2 Respectively	120
Plant Production (NATIONAL CERTIFICATE)	Grade 11 & 12 passed with Higher Certificate Level 3 & 4 Respectively	120
Mixed Farming (NATIONAL CERTIFICATE)	Grade 9 & 10 Level 1 & 2 Respectively	120
Poultry Production (NATIONAL CERTIFICATE)	Grade 12 passed with Higher Certificate	120
Horticulture (NATIONAL CERTIFICATE)	Grade 10	120
Wool and Mohair (NATIONAL CERTIFICATE)	Grade 10	120
Agric Sales and Services (NATIONAL CERTIFICATE)	Grade 12 passed with Higher Certificate	120





Qualification	Fees Per Month	Registration Fee	Level
Agricultural Extension	R2000	R2000	5 and 6

Subjects (Level 5)

- Land Care Management
- Soil and Irrigation Systems
- Animal Health Systems
- Animal Anatomy and Physiology
- Environmental Management
- Plant Physiology and Breeding

Subjects (Level 6)

- Community Analysis
- Extension Philosophy and Principles
- Communication Theory and Practice
- Agricultural and Rural Development Affairs
- Rural Social Systems
- Agricultural and Rural Development Extension Management



Agricultural Extension Core Themes

1. Agricultural Extension Theory and Practice

This foundational module introduces learners to the philosophy, principles, and evolution of agricultural extension. It explores the role of extension officers as facilitators of change, communicators, and educators. Learners will develop a deep understanding of participatory extension approaches, adult learning theories, and the dynamics of rural advisory systems that empower farmers to make informed production and business decisions.

2. Communication and Facilitation Skills

Effective communication lies at the heart of extension work. This module equips learners with interpersonal, group facilitation, and public communication skills essential for engaging with diverse farming communities. Topics include extension communication methods, report writing, use of digital tools in extension delivery, conflict resolution, and cross-cultural communication, ensuring learners can effectively translate technical information into practical farmer action.

3. Rural Sociology and Community Development

Learners will explore the social, cultural, and economic contexts within which rural farmers operate. The module covers community organisation, participatory rural appraisal, gender and youth inclusion, social capital, and leadership development. Emphasis is placed on mobilising and empowering rural communities to initiate and sustain their own development initiatives.

4. Agricultural Project Planning and Management

This component focuses on planning, implementing, monitoring, and evaluating agricultural projects. Learners will gain competence in project cycle management, budgeting, proposal writing, and impact assessment. The course develops analytical and managerial skills necessary for coordinating farmer support programs, ensuring resource efficiency, and achieving measurable developmental outcomes.





5. Agricultural Policy and Economics

This module provides insight into the agricultural policy environment, land reform, food security strategies, and agrarian transformation frameworks. Learners will study how national and provincial agricultural policies influence extension services, farmer support programs, and rural livelihoods. Economic principles such as cost-benefit analysis, farm budgeting, and market linkages will also be introduced.

6. Technology Transfer and Innovation Systems

Learners will examine the processes involved in introducing, adapting, and scaling agricultural technologies. Topics include innovation systems, research-extension-farmer linkages, climate-smart agriculture, digital extension platforms, and sustainable farming practices. The module emphasises critical thinking and adaptability to technological change.

7. Natural Resource Management and Environmental Sustainability

This module integrates principles of conservation agriculture, soil fertility management, wateruse efficiency, and sustainable land management. Learners will understand the importance of biodiversity, ecosystem services, and environmental stewardship in ensuring long-term agricultural productivity and resilience.

8. Monitoring, Evaluation, and Reporting

Extension officers must track progress and measure impact effectively. This module introduces learners to data collection methods, field recordkeeping, key performance indicators (KPIs), and evaluation frameworks. Students will develop skills to analyse extension outcomes and prepare comprehensive reports that guide decision-making and policy formulation.

9. Farm Business and Entrepreneurship Development

To enhance the commercial orientation of smallholder farmers, this module focuses on farm management, enterprise budgeting, market analysis, and value chain development. Learners will be trained to assist farmers in developing viable business plans, accessing finance, and integrating into formal markets to promote profitability and sustainability.

10. Work-Integrated Learning (Practical Extension)

This capstone module immerses learners in real-world agricultural environments through internships and fieldwork. Students will work directly with farmers, cooperatives, and agribusinesses, applying theoretical knowledge in practice. The focus is on experiential learning, mentorship, and reflective evaluation to strengthen competence and readiness for professional extension practice.







Qualification	Fees Per Month	Registration Fee	Level
Animal Production	R2000	R2000	5

- Agribusiness
- Communication
- Mathematics
- Human Resource Management
- Agricultural Management
- Plant Production







Qualification	Fees Per Month	Registration Fee	Level
Animal Production	R1800	R2000	1,2 & 4

- Appreciate Breed Selection
- Generic Improvement Program and Individual animals
- Gene Maker Assisted Breed
- Herd Productivity Plan (Conception, Calving, Weight Gain, Mortality)
- Disease and Pest Management
- Feed Management





Livestock Production Core Themes

1. Nutrition and Feed Management

This module focuses on understanding the nutritional requirements of livestock and the principles of feed formulation. Learners will gain knowledge on ration balancing, feed types, and feed management strategies aimed at optimising animal health, productivity, and overall farm efficiency.

2. Healthcare and Disease Management

Participants will explore the fundamentals of animal health, including the identification and management of common diseases. The module covers preventive healthcare practices, immunisation programs, biosecurity protocols, and appropriate treatment methods to ensure sustainable herd health.

3. Reproduction Management

This component provides an in-depth understanding of reproductive biology and advanced breeding practices. Topics include oestrus synchronisation, artificial insemination, pregnancy diagnosis, and parturition management, with an emphasis on improving reproductive efficiency in cattle herds.

4. Housing and Facilities Design

Learners will study the principles of animal housing and facility design to promote comfort, welfare, and productivity. The module includes elements of waste management, ventilation, temperature regulation, and environmental control tailored to livestock production systems.

5. Livestock Handling and Behaviour

This section focuses on animal behaviour and safe handling techniques. Trainees will be introduced to low-stress handling methods, animal welfare principles, and behavioural observation skills that enhance productivity while ensuring the safety of both handlers and livestock.



ANIMAL PRODUCTION

6. Business and Management

Participants will develop essential business skills tailored to the livestock sector. The module includes financial planning, budgeting, marketing strategies, risk management, and overall farm enterprise management equipping trainees to operate sustainable and profitable livestock businesses.

7. Environmental Sustainability

This component addresses the environmental impact of livestock production and explores best practices for sustainable farming. Learners will gain knowledge of eco-friendly systems for waste management, grazing, and feed production that reduce carbon footprint and promote environmental stewardship.

8. Regulatory Compliance and Animal Welfare

Learners will study the legislative and ethical frameworks governing livestock production. The module focuses on understanding local and national regulations, animal welfare standards, and compliance practices that ensure ethical and legally sound operations.

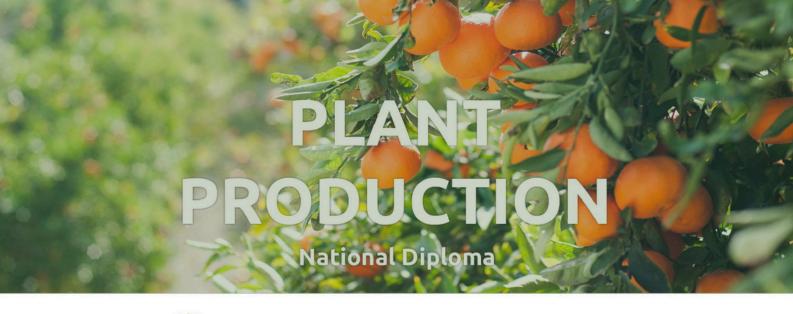
9. Innovation and Technology

This module introduces emerging technologies and innovative practices transforming modern livestock farming. Topics include precision farming tools, digital monitoring systems, data-driven management, and smart technologies designed to enhance efficiency, sustainability, and productivity in animal agriculture.

Methodology and Assessment Summary

The course combines 50% theoretical and 50% practical learning to ensure a balance between knowledge and hands-on experience. Learners will be assessed through written tests and examinations, as well as a portfolio of evidenceshowcasing their practical work, projects, and overall competence.







Qualification	Fees Per Month	Registration Fee	Level
Plant Production	R1800	R2000	5

- Agribusiness
- Communication
- Mathematics
- Human Resource Management
- Agricultural Management
- Plant Production







Qualification	Fees Per Month	Registration Fee	Level
Plant Production	R1800	R2000	3 & 4

- Land Preparation
- Planting
- Cultivating
- Fertilisation
- Pest Control
- Disease Management
- Harvesting
- Crop Rotation







PLANT PRODUCTION

Crop Production and Management Training Modules

1. Crop Management and Selection

This module equips learners with the knowledge to identify and select suitable crop varieties based on soil type, climatic conditions, and market demand. It covers principles of optimal planting, crop spacing, intercropping, and rotation techniques to enhance yield and maintain soil health.

2. Soil Science and Fertility Management

Participants will gain an understanding of soil composition, classification, and fertility dynamics. The module emphasises soil testing, nutrient management, and fertilization strategies aimed at improving soil productivity and promoting sustainable crop production through effective soil conservation practices.

3. Pest and Disease Management

This component focuses on the identification and control of pests, diseases, and weeds that affect crops. Learners will be introduced to Integrated Pest Management (IPM) strategies, including biological control, cultural practices, and safe pesticide application techniques to ensure crop protection and environmental safety.

4. Water Management

Learners will study efficient water management practices essential for sustainable crop production. The module covers irrigation systems, water conservation techniques, drainage solutions, and water quality management to ensure adequate crop hydration while minimizing wastage.

5. Crop Protection and Climate Resilience

This section explores methods of protecting crops against environmental stresses such as drought, heat, frost, and salinity. It also examines adaptive strategies for mitigating the impacts of climate change on crop productivity and ensuring long-term agricultural sustainability.

6. Harvesting and Post-Harvest Management

Participants will learn best practices for harvesting crops at optimal maturity and managing postharvest processes, including storage, packaging, and transportation. The focus is on maintaining product quality, reducing post-harvest losses, and improving market readiness.

7. Precision Agriculture and Technology

This module introduces learners to modern technological innovations in crop production. It covers the use of precision agriculture tools such as GPS-guided systems, drones, sensors, and data analytics to monitor crop health, optimize input use, and enhance productivity and resource efficiency.











Qualification	Fees Per Month	Registration Fee	Level
Poultry Production	R1800	R2000	Level 4

- Basic equipment
- Care of laying hens
- Care of pullets
- Farming systems
- Poultry housing
- Identifying disease and vaccination
- Infrastructure development
- Disease management and hygiene
- Feeding and general care
- · Record keeping and risk management







Qualification	Fees Per Month	Registration Fee	Level
Mixed Farming	R1800	R2000	1& 2

- Crop Production
- Animal Production
- Soil Management
- Irrigation
- Farm Management
- Pest Control







Qualification	Fees Per Month	Registration Fee	Level
Horticulture	R1800	R2000	2

- Plant Propagation and Landscaping
- Plant Nutrition
- Health and Safety Principles
- Soil and Water Management Systems
- Floristry Environment Management







Qualification	Fees Per Month	Registration Fee	Level
Wool & Mohair Handling	R1800	R2000	2

- Wool Industry Overview
- Wool Health and Safety Practices
- Wool Procedural Learning and Evaluation
- Self Management Skills
- Mathematical Analysis
- Communication Language and Information







Qualification	Fees Per Month	Registration Fee	Level
Agric Sales & Services	R1800	R2000	4

- Communication
- Mathematics
- Financial Studies
- Administration
- Marketing
- Health and Safety
- Sales and Customer Service



All classes are provided via blended learning (both virtual and physical)









FOOD AND BEVERAGE COURSES:

Dairy Manufacturing Technology (FET CERTIFICATE)

Food & Bev. Packaging Operation (NATIONAL CERTIFICATE)

Food & Bev. Soft Drink Processing (NATIONAL CERTIFICATE)

Manufacturing Management Food & Bev (NATIONAL DIPLOMA)

Manufacturing Management (NATIONAL CERTIFICATE)









BANKING DETAILS

Payments can be deposited at any STANDARD BANK and the account numbers are indicated below for the campus that the student will be studying at. Please deposit your application fee into the campus bank account using your ID and Name and Surname as reference. Please bring your deposit slip along when you come to register.

Name of bank : STANDARD BANK

Account Number : 42 222 0124

Reference : ID Number Name and Surname

Account Type : Current Account

Account Holder :The Director Tjhebelopele TAC PTY LTD

Branch Code : Brandvag , 5534

ADMISSION REQUIREMENTS

- Certified copy of ID
- Certified copy of Grade 12 Certificate / Results
- Proof of Residence



