



PIGGERY PRODUCTION SKILLS DEVELOPMENT COURSE

COURSE OVERVIEW:

Pig farming or pig husbandry, the raising of pigs for meat. Successful pig production is dependent on three fundamental factors: breeding, nutrition, and management. This course will teach you how to farm with pigs for profit. It contains information about breeding, nutrition, management of your piggery, diseases and economics. This training course covers the following aspects;

- Housing - basic principles for design and management
- Nutrition - choice of rations to meet requirements
- Feeding systems
- Health Management - vaccination and medication programmes
- Biodiversity
- Breeding and Selection - traits of economic importance, selection and breeding methods
- Management of breeding herd - service management, farrowing, management of lactating sow and piglets
- Management of grower herd - weaning to marketing
- Economics - record keeping, gross margins and economics of scale
- Marketing - value adding, decisions to sell

Unit Standard 116153: Apply basic pig husbandry practices A person achieving this unit standard will be able to;

- Demonstrate the procedures to be followed in the preparation of the farrowing house.
- Demonstrate the procedures to be followed in the preparation of the sows for the farrowing house.
- Apply appropriate feeding practices to different stages of pig production.
- Demonstrate the ability to clean and disinfect pig housing.
- Ensure the observance of bio-security in the piggery.

Learning Outcomes

At the end of this learning module, you must be able to demonstrate a basic knowledge and understanding of:

- Prepare the farrowing house for farrowing.
- Carry out creep feeding, flush feeding and correct feeding practices.

SAQA ID	NAME OF UNIT STANDARD	NQF LEVEL	CREDITS
116153	Apply basic pig husbandry practices	1	5
116173	Evaluate Basic External Animal Anatomy & Morphology	1	5
116157	Demonstrate an understanding of the basic concepts of sustainable farming systems	1	4
116191	Apply standard animal feeding procedures	1	6
116120	Explain the prevention and treatment of animal diseases.	2	4
	TOTAL CREDITS		24

- Provision of potable water to the pigs.
- Clean and disinfect all pig housing facilities.
- Basic bio-security practices carried out.
- Basic handling of pigs including the movement, restraint and handling of pigs.
- Basic communication skills to report observations.
- Knowledge of all equipment to be used in all practices carried out.

Unit Standard 116173: Evaluate Basic External Animal Anatomy & Morphology

When you have achieved this unit standard, you will:

- Be able to visually evaluate animals externally with respect to their basic anatomical characteristics and morphological systems.
- Be well positioned to extend your learning and practice into other areas of animal production, ensuring efficient and effective animal production.
- Identify and name the class, species and type of animal according to criteria and under supervision.
- Identify and name the components and the externally visible divisions or parts of an animal and identify gross abnormalities therein
- Understand the basic concepts of further anatomical systems within animals according to criteria.
- Identify and describe the morphological attributes of animals by which they are classified.
- Identify and describe the animal's life cycle.

Learning Outcomes

You must be able to demonstrate a basic knowledge of:

- Applicable biological and morphological names and terminology.
- Applicable external characteristics and properties of animals and their components.
- Various applicable sensory cues regarding gross abnormalities in animals.
- The purpose of the anatomical, morphological and physiological evaluation of animals.
- Actions to be taken in the event of various cues and symptoms being perceived during the evaluation of external anatomical, morphological and physiological parts of animals.
- The appropriate codes of practice and procedures relating to the handling and evaluation of animals and the implications of contraventions.

PRICE: R8 700.00 PER LEARNER EXCL. VAT

DATES:

Johannesburg	4th – 8th March 2024
Eastern Cape	27th – 31st May 2024
North West	24th – 28th June 2024
Northern Cape (Kimberly)	29th July – 2nd August 2024
Johannesburg	2nd – 6th September 2024
Mpumalanga	4th – 8th November 2024



- The effects of the various gross abnormalities and their timeouts perception on the wellbeing of the animal.
- Classification of animals based on their anatomy and morphology.
- Interpretation of information.
- Use of Science and Technology.
- Self-development skills.

Unit Standard 116157: Demonstrate an understanding of the basic concepts of sustainable farming systems
When you have achieved this unit standard, you will:

- Be able to recognize the basic concepts of sustainable farming practices and be able to perform basic tasks in applying sustainable farming practices.
- Be well positioned to extend your learning and practice into other areas of natural resource use and farming systems.
- Understand the environmental context of sustainable agricultural production.

Learning Outcomes

You must be able to demonstrate a basic knowledge of:

- Basic concepts of sustainable farming systems,
- Basic environmental patterns and processes.
- Elementary comprehension of farming systems and designs.
- Measurable indicators of sustainability.
- Local veld types and the importance of the carrying capacity of local veld types.
- Local weather and climate and basic local ecosystems.
- Importance of biodiversity in local farming systems.
- Basic input sources, markets (local and other) and income sources on a farm.
- Needs and aspirations of local communities.
- Social, economic and ecological indicators.

Unit Standard 116191: Apply standard animal feeding procedures
When you have achieved this unit standard, you will: -

- Follow correct on-farm animal feeding practices.
- Ensure healthy and well-fed animals, optimizing production.
- Gain specific knowledge and skills in animal feeding and nutrition.
- Operate in an animal production environment implementing sustainable and economically viable production principles.

Learning Outcomes

When you have achieved this unit standard you will have a basic knowledge and understanding of:-

- The basic responsibility for given tasks.
- Feed quality.
- Normal feeding behaviour.
- Abnormal feeding behaviour.

- Maintaining feed quality and hygiene.
- The identification of basic appropriate feeds.
- Feeding procedures to be followed.
- The importance to develop a two-way relationship with supervisor with regards to responsibilities and reporting.
- The purpose of the outcomes of this unit standard.

Unit Standard 116120: Explain basic pig husbandry practices
When you have achieved this unit standard, you will be able to;

- Identify and describe abnormalities occurring in the sows and boars in a piggery.
- Identify and describe abnormalities occurring in piglets in a piggery.
- Demonstrate the ability to weigh pigs of all ages, record data and report to appropriate supervisor.
- Recognise and apply appropriate boar management practices in the piggery.

Learning Outcomes

When you have achieved this unit standard you will have a basic knowledge and understanding of:-

- Communication and recording skills to report on observations.
- Literacy and numeracy skills.
- The purpose of this training to develop competent people to work in piggeries.
- Determining abnormalities in sows and boars such as underfeeding, overfeeding, anorexia and other nutritional problems.
- Recognizing mastitis andagalactia in sows.
- Recognizing abnormalities in piglets, such as cannibalism, sucking behaviour and causes of mortality.
- Weighing procedures and collection of relevant data.
- Knowledge of the management of the boar such as mating practices, frequency, exercise and symptoms of an unhealthy boar.

Terms and Conditions

- No restriction on who may attend
- Notes are provided with content in English
- The lectures are presented English
- Course fees do not include accommodation and transportation, an additional cost to transport learners to and from the practical training on farms will be charged.
- Course fees included lunch packs.
- This is a theoretical course with a practical session included
- Please make sure you are there by 8h30 for registration
- Bring along your pen and notebook, overall and gumboots for the practical is required

