

CIN: 38002 Certificate in Animal Production: Goat Farming NQF 5 (121 Credits)

Qualification name	Certificate in Animal Production: Goat Farming, NQF 5, 121 Credits
Purpose of the programme	The purpose of this qualification is for goat farmers and their managers/ supervisors to gain applied knowledge with regard to the operations of a goat farm and the effective management thereof, ensuring both profitability and quality product. This course is aimed at working individuals that are seeking qualifications but do not possess the time and means to study full-time at an institution.
Programme Outline	
Modules	Outcomes
Goat Anatomy, Physiology and Goat Health (23 credits) CIN:380021	<ul style="list-style-type: none"> • Understand the anatomical, physiological, physical and biochemical components of goats and their interrelated activities. • Be familiar with symptomatic variations and abnormalities. • Know the production systems of goats. • Evaluation and understand the health status of goats. • Maintain animal disease prevention programmes. • Have knowledge on Humane Killing techniques.
Apply and Plan Goat Nutrition and Manage an Input Chain (18 credits) CIN:380022	<ul style="list-style-type: none"> • Understand the metabolism of nutrients. • Know the principles of nutritional requirements. • Apply and implement feed formulation principles. • Analyse ingredients in feed. • Implement feed flow management systems. • Make use of feed stock control and record systems. • Understand the impact of feed losses if incorrect storage systems are used.
Goat Breeding (18 credits) CIN:380023	<ul style="list-style-type: none"> • Integrate advanced breeding into a breeding programme. • Apply advanced selection methods. • Understand fertility and pregnancy diagnosis.

	<ul style="list-style-type: none"> • Analyse the contents of a sustainable breeding program. • Understand the birth process of goats. • Be knowledgeable on rearing of goats.
<p>Harvesting Goat Products (17 credits)</p> <p>CIN:380024</p>	<ul style="list-style-type: none"> • Understand principles related to the production of goat products. • Be familiar with the effects of harvesting on goats. • Be knowledgeable on new opportunities in harvesting. • Understand the processes and systems of goat harvesting. • Manage goats to be harvested. • Be knowledgeable on Food quality and Safety. • Understand defensive behaviour in goats. • Know the most effective ways of responding to problem goats. • Know how to minimize risk when dealing with defensive behaviour in goats.
<p>Marketing of Goat Products (13 credits)</p> <p>CIN:380025</p>	<ul style="list-style-type: none"> • Know about different production systems. • Understand herd composition – How to make your herd more commercially viable. • Understand the costs related to marketing goat products. • Know the process of selling live goats. • Be knowledgeable on the sale of skins. • Be aware of the transporting regulations of goats.
<p>Farm Business Management (11 credits)</p> <p>CIN:380026</p>	<ul style="list-style-type: none"> • Gather intelligence, information and data related to production processes, technology and markets in goat farming. • Manage the implementation of data collection plans. • Evaluate the influence that market trends have on the production process in the goat farming environment. • Evaluate the influence that technology has on the production process of goats. • Develop a production plan.
<p>Farm Finance (21 credits)</p> <p>CIN:380027</p>	<ul style="list-style-type: none"> • Understand the basics of accounting. • Create, read, and interpret financial reports. • Understand the importance of forecasting. • Manage your assets and money.

	<ul style="list-style-type: none"> • Understand the impact of the national and global economy on your farming finance. • Know how to communicate the financial performance of the farm. • Know how to use mathematics to solve problems on the farm.
Duration	12 months
Blended Learning	The blended training model allows students to complete theoretical modules online and practical sessions on a local farm – reducing time spent away from work.
Admission requirements	<p>Admission is granted to students who possess an NQF Level 4 qualification (National Senior Certificate, National Certificate (Vocational), or Equivalent, and who meets the following minimum requirements:</p> <ul style="list-style-type: none"> • Achieved 40% in either Mathematics, Mathematics Literacy, Technical Mathematics, Accounting or Economics • Achieved 40% in English First Additional Language
Unit Standards & Credits	
Goat Anatomy, Physiology and Health (23 credits)	<p>116388: 10 credits (Animal Anatomy and Physiology)</p> <p>116393: 8 credits (Animal Health)</p> <p>116399: 5 credits (Dissect Animals)</p>
Apply and Plan Goat Nutrition and Manage an Input Chain (18 credits)	<p>116430: 12 credits (Animal Nutrition)</p> <p>116382: 6 credits (Flow Chain of Agri-inputs)</p>
Goat Breeding (18 credits)	<p>116385: 10 credits (Livestock Breeding)</p> <p>116336: 8 credits (Livestock birth and rearing practice)</p>
Harvesting Goat Products (17 credits)	<p>116390: 9 credits (Livestock Harvesting)</p> <p>116381: 8 credits (Animal Handling)</p>
Marketing of Goat Products (13 credits)	10050: 6 credits (Integrated marketing plans with the business process)

	116419: 7 credits (Develop and implement food safety and quality management system in an agricultural supply chain)
Farm Business Management (11 credits)	116426: 11 credits (Develop a production and strategic plan for the agricultural business)
Farm Finance (credits 21)	<p>116428: 11 credits (Analyse and interpret the financial statements and physical records in an agri-business to generate managerial information.)</p> <p>7468: 6 credits (Use mathematics to investigate and monitor the financial aspects of personal, business, national and international issues.)</p> <p>7483: 2 credits (Solve problems involving sequences and series in real and simulated situations.)</p> <p>7466: 2 credits (Represent and operate on complex numbers in non-trivial situations.)</p>