

NON-RUMINANT LIVESTOCK PRODUCTION SYSTEMS

UNIT CODE: 0811 441 17A

TVET CDACC UNIT CODE: HE/CU/AHP/CC/14/5/MA

Relationship to Occupational Standards

This unit addresses the Unit of Competency: Apply knowledge of non-ruminant livestock production systems.

UNIT DURATION: 60 Hours

Unit Description

This unit specifies the competencies required by an animal health and production technician in order to apply knowledge of livestock production systems for non-ruminants. It involves managing non-ruminant production systems, performing various routine practices on non-ruminants and determining the economic implications of keeping non ruminants.

Summary of Learning Outcomes

By the end of this unit, the learner should be able to:

S/No	Learning Outcomes	Duration (Hours)
1.	Manage non ruminant production systems	30
2.	Carry out routine non ruminant practices	20
3.	Determine economic implications of non-ruminant keeping	10
Total		60

Learning Outcomes, Content and Suggested Assessment Methods

Learning Outcomes	Content	Suggested Assessment Methods
1. Manage non ruminant production systems	1.1 Introduction to non-ruminants 1.1.1 Poultry 1.1.2 Pigs 1.1.3 Donkeys 1.1.4 Cats	● Practical ● Project ● Written tests ● Third party report ● Portfolio of

	1.1.5 Dogs 1.2 Non ruminant production systems 1.2.1 Extensive 1.2.2 Intensive 1.2.3 Semi-intensive 1.3 Non ruminant structures 1.3.1 Poultry unit 1.3.2 Piggery unit 1.3.3 Rabbitry unit 1.3.4 Kennel unit 1.3.5 Catio unit	evidence ● Oral questions
2. Carry out routine non ruminant practices	2.1 Non ruminants feeding 2.2 Non ruminant's health practices 2.3 Non ruminant records 3.3.1 Breeding records 3.3.2 Feeding records 3.3.3 Health records 3.3.4 Production records	● Written tests ● Third party report ● Interviews/ Oral questions
3. Determine economic implications of non. ruminant keeping	3.1 Economic implications of non-ruminant keeping 3.2 Non-ruminant production constraints 3.3 Economic roles of non-ruminants in Kenya's economy	● Practical ● Project ● Written tests ● Third party report ● Portfolio of evidence ● Oral questions

Suggested Methods of Delivery

- Practical
- Projects
- Demonstrations
- Group discussion
- Direct instructions

Recommended Resources for 25 Trainees

S/No.	Category/Item	Description/ Specification	Quantity	Recommended Ratio (Item: Trainee)
A	Learning materials			
	Projector	EPSOM	1	1:25
	Whiteboard/Smartboard	2.5 By 1.5.M	1	1:25
	Desktop/computer		1	1:25
B	Learning Facilities & Infrastructure			
	Lecture/Theory room	With at least 25 seats	1	1:25
	Animal farm	With non-ruminant animals	1	1:25
	Ruminant structures	Piggery, poultry house, rabbitry, Kennel unit, catios unit	1	1:25
	Library	Equipped with non-ruminant livestock books and E-section	1	1:25
C	Consumable Materials			
	Non-ruminants' feeds	Pigs feed, poultry feeds, rabbit feeds, dog feed, cat feed		
D	Tools and Equipment			

MODULE III