HERD HEALTH MANAGEMENT

ISCED UNIT CODE: 0841 551 42A

TVET CDACC UNIT CODE: HE/CU/AHP/CR/07/6/MA

Relationship to Occupational Standards

This unit addresses the Unit of Competency: Conduct herd health management.

UNIT DURATION: 50 Hours

Unit Description

This unit specifies the competencies required by animal health and production technologists to conduct herd health management. It involves managing reproductive performance, carrying out disease surveillance and carrying out veterinary first aid.

Summary of Learning Outcomes

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

S/No	Learning Outcomes	Duration (Hours)
1.	Manage reproductive performance	15
2.	Carry out disease surveillance	15
3.	Carry out veterinary first Aid	20
	Total	**50**

Learning Outcomes, Content and Suggested Assessment Methods

Learning Outcomes	Content	Suggested Assessment Methods
1.Manage reproductive performance	1.1. Introduction to reproductive performance. 1.2. Reproductive performance 1.2.1. Reproductive index 1.2.2. Artificial insemination 1.2.3. Synchronization protocols 1.2.4. Embryo transfer	• Practical • Project • Portfolio of evidence • Third party report • Written assessment • Oral questioning

	1.3. Nutritional management	
	1.4. PPEs for managing reproductive performance	
	1.4.1. PPEs categories	
	1.4.2. PPEs requirement	
	1.4.3. Uses and care	
	1.5. Classification of livestock according to reproductive parameters	

2. Carry out disease surveillance	2.1. Introduction to disease surveillance.
	2.2. Disease surveillance
	2.3. Biosecurity measures
	    2.3.1. Quarantine
	    2.3.2. Isolation
	    2.3.3. Test and slaughter
	    2.3.4. Disinfection
	    2.3.5. Incineration
		• Practical
		• Project
		• Portfolio of evidence
		• Third party report
		• Written assessment
		• Oral questioni

3. Carry out veterinary first Aid	3.1. Carry out veterinary first Aid
	3.2. Livestock emergency condition
	    3.2.1. Choke
	    3.2.2. Bloat
	    3.2.3. Hemorrhage
	    3.2.4. Shock
	    3.2.5. Dystocia
	    3.2.6. Fracture
	    3.2.7. Burns
	    3.2.8. Poisoning
	    3.2.9. Wounds
	3.3. Causes of emergency conditions
	3.4. Management of emergency conditions
		• Practical
		• Project
		• Portfolio of evidence
		• Third party report
		• Written assessment
		• Oral questioning

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)
1.	Learning materials			
2.	Projector		1	1:25
3.	Whiteboard/Smart board		1	1:25
4.	Desktop/computer		1	1:25
5.	Lecture/Theory room		1	1:25
6.	Demonstration farm		1	1:25
7.	Library		1	1:25
8.	E-Library		1	1:25
9.	Artificial insemination kit		5	1:1
10.	Incinerator		1	1:25
11.	Thermometer		5	1:5
12.	Stethoscope		5	1:5
13.	Vaginal speculum		1	1:25
14.	Burdizzo		1	1:25