

ANIMAL HEALTH SKILLS

ISCED UNIT CODE: 0841 551 40A

TVET CDACC UNIT CODE: HE/CU/AHP/CR/05/6/MA

Relationship to Occupational Standards

This unit addresses the Unit of Competency: Apply animal health skills at workplace.

Unit Duration: 90 hours

Unit Description:

This unit specifies the competencies required by animal health and production technologists to be able to apply animal health skills at the workplace. It involves carrying out animal identification, dehorning, hoof trimming, tail docking, poultry debeaking, performing teeth clipping, conducting animal grooming, performing animal castration and carrying out wool shearing.

Summary of Learning Outcomes

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

S/No	Learning Outcomes	Duration (Hours)
1.	Carry out animal identification	10
2.	Carry out dehorning	10
3.	Carry out hoof trimming	10
4.	Carry out tail docking	10
5.	Perform poultry debeaking	10
6.	Perform teeth clipping	10
7.	Conduct animal grooming	10
8.	Perform animal castration	10
9.	Carry out wool shearing	10
Total		90

Learning Outcomes, Content and Suggested Assessment Methods

Learning Outcome	Content	Method of assessment
1. Carry out animal identification	1.1. Introduction to animal identification 1.2. PPEs for animal identification. 1.2.1. Disposable gloves 1.2.2. Overall 1.2.3. Gumboot 1.3. Tools and equipment 1.3.1. Ear tag applicators 1.3.2. Ear tags 1.3.3. Ear notcher 1.3.4. Tattooing machine 1.4. Identification methods 1.4.1. Ear tags 1.4.2. Ear notch 1.4.3. Branding 1.4.4. Microchip 1.4.5. Tattooing	<ul style="list-style-type: none"> ● Practical ● Project ● Portfolio of evidence ● Third party report ● Written assessment ● Oral questioning
2. Carry out dehorning	2.1. Introduction to dehorning 2.2. Definition of terms 2.2.1. Dehorning 2.2.2. Disbudding 2.3. Tools and equipment for dehorning and disbudding 2.4. Dehorning procedure 2.5. Reasons for dehorning and disbudding	<ul style="list-style-type: none"> ● Practical ● Project ● Portfolio of evidence ● Third party report ● Written assessment ● Oral questioning
3. Carry out hoof trimming	3.1. Introduction to hoof trimming 3.2. Tools and equipment for	<ul style="list-style-type: none"> ● Practical ● Project ● Portfolio of evidence

	hoof trimming 3.3.Hoof trimming procedure 3.4.Reasons for hoof trimming	<ul style="list-style-type: none"> ● Third party report ● Written assessment ● Oral questioning
4. Carry out tail docking	4.1. Introduction to tail docking 4.2. Tools and equipment for tail docking 4.2.1. Scalpel 4.2.2. Burdizzo 4.3. Elastrator and rubber ring. 4.4. Tail docking procedure 4.5. Reasons or tail docking	<ul style="list-style-type: none"> ● Practical ● Project ● Portfolio of evidence ● Third party report ● Written assessment ● Oral questioning
5. Perform poultry debeaking	5.1. Poultry debeaking introduction 5.2. Procedure Carry out poultry debeaking. 5.3. Reasons for debeaking	<ul style="list-style-type: none"> ● Practical ● Project ● Portfolio of evidence ● Third party report ● Written assessment ● Oral questioning
6. Perform teeth clipping	6.1. Introduction teeth clipping 6.2. Carry out teeth clipping 6.3. Reasons for teeth clipping	<ul style="list-style-type: none"> ● Practical ● Project ● Portfolio of evidence ● Third party report ● Written assessment ● Oral questioning
7. Conduct animal grooming	7.1. Animal grooming introduction 7.2. Carry out animal grooming 7.3.7.3 Reasons for grooming	<ul style="list-style-type: none"> ● Practical ● Project ● Portfolio of evidence ● Third party report ● Written assessment ● Oral questioning
8. Perform animal castration	8.1. Introduction to castration 8.2. Animal castration 8.3. Carry out animal castration	<ul style="list-style-type: none"> ● Practical ● Project ● Portfolio of evidence

		<ul style="list-style-type: none"> ● Third party report ● Written assessment ● Oral questioning
9. Carry out wool shearing	9.1. Introduction to wool shearing. 9.2. Animal wool shearing 9.3. Carry out wool shearing	<ul style="list-style-type: none"> ● 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.	Ear tags		25	1:1

10.	Ear notcher		5	1:5
11.	Branding rod		5	1:5
12.	Micro chip		5	1:5
13.	Ear tag applicators		5	1:5
14.	Tooth clipper		5	1:5
15.	Wool shearer		5	1:5
16.	Debeaker		5	1:5
17.	Rasp		5	1:5
18.	Hoof trimmer		5	1:5
19.	Disbudding iron		5	1:5
20.	Dehorning wire		5	1:5