

ANIMAL HEALTH APPLIED SKILLS

UNIT CODE: 0841 441 34A

TVET CDACC UNIT CODE: HE/CU/AHP/CR/06/5/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 technician 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	Methods of assessment
1. Carry out animal identification	1.1 PPEs 1.1.1 Disposable gloves 1.1.2 Overall 1.1.3 Gumboot 1.2 Identification marks ● Ear tag ● Ear notch ● Tattooing ● Branding ● Microchipping 1.3 Tools and equipment for identification 1.3.1 Ear Tag applicators 1.3.2 Ear notchers 1.3.3 Ear tags 1.3.4 Branding iron 1.3.5 Tattoo applicator 1.3.6 Microchip	● Practical ● Project ● Written tests ● Third party report ● Portfolio of evidence ● Oral questions
2. Carry out dehorning	2.1 Dehorning 2.1.1 Dehorning tools-dehorning wire, disbudding rod 2.1.2 Dehorning procedure	● Practical ● Project ● Written tests ● Third party report ● Portfolio of evidence ● Oral questions
3. Carry out hoof trimming	3.1 Hoof trimming 3.1.1 Hoof trimming tools-hoof trimmer, rasp, hoof knife 3.1.2 Carry out hoof trimming	● Practical ● Project ● Written tests ● Third party report ● Portfolio of evidence ● Oral questions

4. Carry out tail docking	4.1 Tail docking 4.1.1 Tail docking tools-rubber ring and rubber ring applicator 4.1.2 Carry out tail docking	● Practical ● Project ● Written tests ● Third party report ● Portfolio of evidence ● Oral questions
5. Perform poultry debeaking	5.1 Poultry debeaking 5.1.1 Debeaking tools- debeaker 5.1.2 Carry out poultry debeaking.	● Practical ● Project ● Written tests ● Third party report ● Portfolio of evidence ● Oral questions
6. Perform teeth clipping	6.1 Teeth clipping 6.1.1 Importance and procedure of teeth clipping	● Practical ● Project ● Written tests ● Third party report ● Portfolio of evidence ● Oral questions
7. Conduct animal grooming	7.1 Animal grooming 7.1.1 Carry out animal grooming	● Practical ● Project ● Written tests ● Third party report ● Portfolio of evidence ● Oral questions
8. Perform animal castration	8.1 Animal castration 8.1.1 Tools for castration- burdizzo, scapel, rubber ring and rubber ring applicator 8.1.2 Methods of castration –open and close	● Practical ● Project ● Written tests ● Third party report ● Portfolio of evidence ● Oral questions

9. Carry out wool shearing	9.1 Animal shearing 9.1.1 Wool shearing tool-wool shear 9.1.2 Carry out wool shearing	● Practical ● Project ● Written tests ● Third party report ● Portfolio of evidence ● Oral questions
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Suggested Methods of Delivery

- Demonstration
- Practical
- Projects
- Field training
- Discussions
- Direct instruction

Recommended Resources for 25 trainees

S/NO	Category/Item	Description/specification	Qty	Recommended ratio (item: trainee)
1.	Projector	EPSOM	1	1:25
2.	Whiteboard/smartboard	2.5 By 1.5.M	1	1:25
3.	Desktop/computer		1	1:25
4.	Classroom	Well-lit with 25 seats	1	1:25
5.	Elastrator		5	1:5
6.	Rubber ring		5	1:5
7.	Burdizzo		5	1:5
8.	Wool shear		5	1:5
9.	Disbudding iron		5	1:5
10.	Holding crush		1	1:25
11.	Dust bins		3	1:8
12.	Hoof trimmer		5	1:5
13.	Ropes		13	1:2
14.	Wheelbarrow		5	1:5
15.	Rasp file		5	1:5
16.	Weigh band	cased	5	1:5
17.	Tooth clipper		5	1:5
18.	Library	Equipped with immunology books and E- section	1	1:25