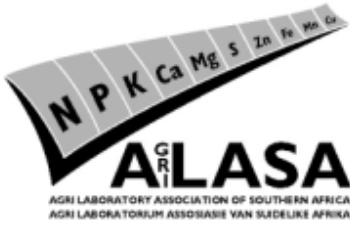


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This document is also available in Afrikaans, Northern Sotho and Shangaan on request.

SKILLS PROGRAMME: NQF LEVEL 4

Certificate in ANIMAL HEALTH & DISEASE SURVEILLANCE
ENDIP WILDLIFE LABORATORY in association with:
AGRISKILLS TRANSFER.



Information document on course structure and content outline submitted for approval and certification from AgriSkills Transfer' who are accredited with AgriSETA.

Purpose of the skills program (short Course).

This skills program is designed to provide credits toward the National Certificate in Animal health and Production level 4 by training the learner in specific sections of the qualification thus completing it in manageable sections according to the needs of the learner.

The program serves the following purposes:

- Learners planning a career in the animal health industry will find this course invaluable, both as a first step in confirming their decision to committing to this specific field of calling, as well as using this acknowledged qualification as a stepping stone and benefitting advantage over competing learners with the aim to admittance to further education opportunities such as universities.
- Learners wishing to embrace this qualification as a means to obtain employment at a basic level in the industry of animal health and disease surveillance will find this course most useful with the potential to upgrade themselves to diploma level in future.
- Persons who would like to broaden their knowledge in this field in order to improve their own careers as farm managers or wildlife managers and ecologists.

Learning assumed to be in place.

The credit value is based on the assumption that people starting to do this skills program are competent in a qualification at NQF level 3. This would include and specifically refer to having passed grade 12 (matric/std 10) of high school, or have a similar qualification at the same level or higher.

The skills program is compiled from the following unit standards:

Fundamental:

- 8979: Use language and communication in occupational learning programs.
8975: Read analyze and respond to a variety of texts.
116312: Implement a data collection plan.
116320: Plan and maintain environmentally sound agricultural processes.

Core:

- 116286: Give an overview of the industry structure
116322: Manage water quality parameters
116285: Explain functional animal anatomy and physiology
116308: Implement animal health and bio-security programs

Elective:

- 116402: Effective and responsible control of problem animals



All the unit standards are presented at level 4, which makes this course ideal for young people wanting to build on their academic career, either for improving chances for acceptance and enrollment in universities, or to start developing a basic career. The program offers a total of 41 credits on the NQF; training is conducted over a period of 17 days. Learners are provided with a starter info pack to study themselves four days before the course starts. Followed by intensive training for 10 days, after which the learners are provided with another three day self-work pack.

Following is a short summary of the contents:

Fundamental:

8979: Use language and communication in occupational learning programs.

Learners credited with this standard are able to:

- access, use and manage suitable learning resources
- formulate and use learning strategies
- manage occupational learning materials
- conduct basic research and analyze and present findings
- lead and function in a team
- reflect on how characteristics of the workplace and occupational context affect learning

8975: Read analyze and respond to a variety of texts

Learners credited with this unit standard are able to:

- analyze and criticize texts produced for a range of purposes, audiences and contexts
- identify and explain the values, attitudes and assumptions in texts
- evaluate the effects of content, language and style on readers` responses in specific texts

116312: Implement a data collection plan

A person assessed as competent against this standard will be able to:

- Interpret a data collection plan.
- Implement a data collection plan.
- Interpret and analyze collected data.
- Present collated data coherently.

116320: Plan and maintain environmentally sound agricultural processes

A person assessed as competent against this standard will be able to:

- Plan and maintain sustainable agricultural processes and/or practices taking into account the four components of the environment.
- Demonstrate broad knowledge of the processes of the environment.
- Apply practical and efficient natural resource use in an agricultural context.
- Understand sustainable agriculture.
- Identify and use environmental indicators.



Core:

116286: Give an overview of the industry structure

A person assessed as competent against this standard will be able to:

- Explain the historical and current framework structure of the industry.
- List media published from time to time within, for, about, on and on behalf of the industry.
- List all relevant Government Departments that affect the specific industry.
- Name all legislation pertaining to the specific industry.
- Name and describe supportive resources, associations, groups, networks and services available to assist members of the industry.
- Describe the various relationships within the industry as well as between the specific industry and its components and others within and outside of the sector.

116322: Manage water quality parameters

A person assessed as competent against this standard will be able to:

- Correctly assess, analyze and evaluate data and decide on corrective actions within operational technical systems independently to well-defined but possibly unfamiliar problems.
- Demonstrate a thorough understanding of the reasons, impacts and implications of specific corrective actions.
- Implement corrective actions related to the quality of water and water quality systems
- Evaluate the effects of corrective actions or adjustments on the water quality requirements

116285: Explain functional animal anatomy and physiology

A person assessed as competent against this standard will be able to:

- Identify and understand in detail the processes active within the various anatomical systems in animals.
- Identify and understand how anatomical systems within animals influence production of various animal products.
- Monitor and advise others on animal systems and production processes based on anatomical systems.
- Understand how animal health and nutrition affects animal anatomical systems.

116308: Implement animal health and bio-security programs

A person assessed as competent against this standard will be able to:

- Supervise animal disease prevention and ensure correct practices are in place.
- Ensure that basic clinical examination is done correctly.
- Ensure correct dosage rates and calibrate and use instruments correctly
- Ensure that vaccination and treatment are done correctly
- Ensure that pre-planned programs are carried out.



Electives:

116402: Effective and responsible control of problem animals

A person assessed as competent against this standard will be able to:

- Identify the natural behavior of problem animals causing erosion.
- Distinguish between various control practices applied to problem animals causing erosion on farms.
- Selection of the relevant control practices for controlling various problem animals causing erosion on farms.
- Post control practices of problem animals.

Skills program assessment criteria.

At the end of every 3 days, the learners will be assessed on the work completed during that specific time. Assessment will be conducted using at least two (2) of the various methods of assessment. These could include, but are not limited to: Written exam, oral questioning, practical assessment, product sampling, assignments or presentations. Assessments will have a quantitative evaluation index for reference; in other words, marks will be allocated in order to determine if the learner is competent.

The skills program course in Animal Health & Disease surveillance will be presented according to demand.

Course details and contact details:

Qualifications Board: SAQA

Sector Training Authority: AgriSETA

Accredited body: AgriSkills Transfer

Training Provider: Endip Wildlife Laboratory

Bookings and course enquiries to be made directly with Endip Wildlife Laboratory.

Contact Details:

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