



Accredited Africa Training Institute for Capacity Development

Unit FO409, Hatfield Plaza · 1122 Burnett St, Hatfield 0028 · Pretoria, Gauteng · South Africa

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COURSE BROCHURE

Apply Health Management Practices For Poultry Training

Agriculture and Nature Conservation / Secondary Agriculture

Unit Standard 119382 · NQF Level 2 · 12 Credits · 9 Days

COURSE OVERVIEW

This course equips learners with the knowledge and skills to implement effective health management practices in poultry production. It covers disease prevention, biosecurity measures, and monitoring of poultry health to ensure optimal flock performance and compliance with industry standards.

Category	Agriculture and Nature Conservation
Subfield	Secondary Agriculture
Unit Standard	119382
Accreditation	SAQA Accredited · NQF Level 2 · 12 Credits
Duration	9 days
Training Method	Online, On-Campus, In-House
Certificate	Issued via AATICD LMS – verifiable online

LEARNING OUTCOMES

- Apply biosecurity principles to prevent disease introduction and spread in poultry operations.
- Identify common poultry diseases and implement appropriate prevention and control measures.
- Monitor poultry health through observation, record-keeping, and interpretation of health indicators.
- Evaluate the effectiveness of vaccination and medication programs in maintaining flock health.
- Implement proper waste management and sanitation practices to reduce health risks.
- Demonstrate the ability to respond to disease outbreaks in accordance with veterinary protocols.

WHO SHOULD ATTEND

- Poultry farm managers, supervisors, and workers responsible for the health and welfare of poultry flocks.
- Also suitable for extension officers and agricultural advisors seeking to enhance their practical skills in poultry health management.

COURSE OUTLINE

Day 1: Introduction to Poultry Health Management

- Overview of poultry industry in South Africa
- Economic impact of disease outbreaks
- Biosecurity concepts: isolation, traffic control, sanitation
- Classification of poultry diseases (viral, bacterial, parasitic)
- Recognizing healthy vs. sick birds
- Importance of record keeping

Day 2: Anatomy and Physiology of Poultry

- External anatomy: comb, wattles, feathers, legs
- Skeletal and muscular systems
- Digestive system: crop, proventriculus, gizzard
- Respiratory system: air sacs, lungs
- Immune system: bursa of Fabricius, thymus
- Normal vital signs: temperature, heart rate, respiration

Day 3: Disease Prevention through Biosecurity

- Principles of biosecurity: exclusion, containment, hygiene
- Farm layout and zoning (clean vs. dirty areas)
- Disinfectants: types, concentrations, application
- Footbaths, shower-in/shower-out procedures
- Equipment cleaning and maintenance
- Rodent and pest control
- Record keeping for biosecurity audits

Day 4: Vaccination and Immunisation Programs

- Live attenuated vs. inactivated vaccines
- Routes: drinking water, spray, eye drop, injection
- Vaccination equipment and calibration
- Cold chain management
- Vaccination schedules for common diseases (ND, IB, IBD)
- Assessing immune response: serology tests
- Handling vaccine failures

Day 5: Common Poultry Diseases and Diagnosis

- Viral diseases: Newcastle, Avian Influenza, Infectious Bronchitis
- Bacterial diseases: Salmonellosis, E. coli, Mycoplasmosis
- Parasitic diseases: coccidiosis, worms
- Nutritional deficiencies and metabolic disorders
- Post-mortem technique: external exam, internal organ inspection
- Sample collection: blood, swabs, tissues
- Submission forms and chain of custody

Day 6: Treatment and Medication Management

- Antibiotics, anticoccidials, and supportive therapy
- Routes of administration: water medication, in-feed, injectable

- Dosage calculations based on body weight and water consumption
- Withdrawal periods and food safety
- Record keeping for treatments
- Treating coccidiosis, respiratory infections, and enteritis
- Managing drug resistance

Day 7: Environmental Management and Housing

- Housing types: open-sided, controlled environment
- Litter management: moisture, pH, ammonia control
- Ventilation systems: natural, mechanical, tunnel
- Temperature and humidity monitoring
- Lighting programs for broilers and layers
- Stocking density and space requirements
- Waste disposal: composting, incineration, rendering

Day 8: Nutrition and Feed Management for Health

- Energy, protein, vitamins, and minerals
- Feed ingredients and quality control
- Feed form: mash, pellets, crumbles
- Feed storage and mycotoxin prevention
- Nutritional diseases: fatty liver, rickets, perosis
- Feed additives: probiotics, enzymes, organic acids
- Water quality and its impact on health

Day 9: Integrated Health Management and Farm Biosecurity Audit

- Components of a health management plan
- Risk assessment and contingency planning
- Biosecurity audit checklist
- Case studies: outbreak investigation and response
- Record keeping for traceability
- Compliance with SAQA and animal health regulations
- Final assessment and course wrap-up

ASSESSMENT & CERTIFICATION

Delegates are assessed through exercises and a final test. A mark of **50% or above** earns an **AATICD Certificate of Completion**, issued digitally with a unique verification code. This course carries **12 NQF credits** at **NQF Level 2**.

PRICING (PER DELEGATE, EX-VAT)

Delegates	Training Method	Price per Delegate	Total
1	Online	R 33,300.00	R 33,300.00
1	In-House	R 43,300.00	R 43,300.00
1	On-Campus (Pretoria)	R 50,000.00	R 50,000.00

UPCOMING SESSIONS

Start	End	Method	Venue
31 Jul 2026	12 Aug 2026	On-Campus	Lagos, Nigeria
03 Aug 2026	13 Aug 2026	On-Campus	Mauritius
04 Aug 2026	14 Aug 2026	On-Campus	Cape Town, South Africa
05 Aug 2026	17 Aug 2026	On-Campus	Dubai, UAE
06 Aug 2026	18 Aug 2026	On-Campus	Pretoria, South Africa
06 Aug 2026	18 Aug 2026	On-Campus	Lagos, Nigeria
07 Aug 2026	19 Aug 2026	On-Campus	Johannesburg, South Africa
10 Aug 2026	20 Aug 2026	On-Campus	Cape Town, South Africa

Contact us if no suitable date is listed – on-demand sessions can be arranged for groups.

HOW TO GET A QUOTE OR APPLY

1. **Get an instant quotation online:** visit www.aaticd.co.za, open the page for this course (Unit Standard 119382) and click **Get A Quote / Apply**. Select your training method and number of delegates – your quotation is generated immediately and emailed to you with the course brochure attached.
2. **Apply by email:** send the course title, your preferred training method (Online, In-House or On-Campus Pretoria), the number of delegates and your preferred dates to apply@aaticd.co.za – our team will reply with a formal quotation.
3. **Apply by phone or WhatsApp:** call +27 12 004 8389 or WhatsApp +27 65 077 6310 and we will prepare your quotation and reserve your seats.
4. **Confirm your booking:** accept the quotation and settle the invoice. As soon as payment is confirmed your delegates are enrolled and receive their AATICD LMS login details by email, along with joining instructions for their chosen training method.

Group discounts apply automatically – the more delegates you enrol, the lower the price per delegate. No payment is required to request a quotation.

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