Poultry Production & Health Training Course

Professional Development Training Course Outline

Category	Veterinary and Animal Science	**Duration**	5 Days
Base Fee	$1,500 USD	**Delivery Mode**	Online / On-site Hybrid

Course Introduction

The global poultry industry is evolving rapidly, driven by increasing consumer demand for high-quality, sustainable, and safe poultry products. Efficient poultry production and proactive health management are critical for maximizing profitability, enhancing food security, and ensuring animal welfare. Poultry Production & Health Training Course is designed to equip participants with cutting-edge knowledge and practical skills in modern poultry production, disease prevention, biosecurity measures, and advanced health management practices.

Participants will gain insights into intensive and commercial poultry farming, innovative feeding strategies, vaccination protocols, and emerging technologies such as precision poultry farming and data-driven health monitoring. Through hands-on demonstrations, case studies, and interactive sessions, learners will develop the expertise to optimize flock performance, reduce production costs, and implement sustainable practices that align with global poultry industry standards.

Programme Curriculum

Poultry Production & Health Training Course

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monitoring. Through hands-on demonstrations, case studies, and interactive sessions, learners will develop the expertise to optimize flock performance, reduce production costs, and implement sustainable practices that align with global poultry industry standards.

Course Duration

5 days

Course Objectives

1. Master modern poultry production systems for broilers and layers.
2. Implement advanced biosecurity protocols to prevent infectious diseases.
3. Optimize feed formulation using precision nutrition strategies.
4. Monitor flock health using digital and IoT-based technologies.
5. Apply vaccination and preventive health programs effectively.
6. Identify and manage common poultry diseases with diagnostic tools.
7. Increase egg and meat production efficiency sustainably.
8. Understand genetics and breeding for improved performance.
9. Incorporate animal welfare and ethical farming practices.
10. Analyze production metrics for data-driven decision making.
11. Reduce antimicrobial resistance through responsible drug use.
12. Enhance farm profitability via cost-effective management techniques.
13. Implement emerging trends in poultry automation and smart farming.

Target Audience

1. Poultry farm owners and managers
2. Veterinarians specializing in poultry
3. Agricultural extension officers
4. Livestock students and researchers
5. Nutritionists and feed formulators
6. Hatchery operators and managers
7. Government and NGO agriculture officers
8. Entrepreneurs in poultry business startups

Course Modules

Module 1: Introduction to Poultry Production

- Overview of global poultry industry trends
- Types of poultry systems: backyard, commercial, organic
- Breed selection and performance characteristics
- Production planning and farm layout optimization
- **Case Study:** High-efficiency commercial layer farm

Module 2: Poultry Nutrition & Feed Management

- Nutrient requirements for broilers and layers
- Feed formulation and supplementation strategies
- Use of alternative feed ingredients
- Feed storage and quality control
- **Case Study:** Reducing feed costs through precision nutrition

Module 3: Poultry Health & Disease Management

- Common viral, bacterial, and parasitic diseases
- Vaccination schedules and protocols
- Disease diagnosis and treatment strategies
- Biosecurity and quarantine practices
- **Case Study:** Controlling Avian Influenza in commercial farms

Module 4: Biosecurity & Farm Hygiene

- Principles of farm biosecurity
- Facility sanitation and disinfection practices
- Rodent and pest management
- Employee hygiene and training
- **Case Study:** Successful biosecurity implementation in a multi-age farm

Module 5: Reproduction & Breeding Management

- Brooding, incubation, and hatchery management
- Selection of breeder flocks
- Reproductive performance monitoring
- Artificial insemination techniques
- **Case Study:** Enhancing hatchability in breeder farms

Module 6: Data-Driven Flock Monitoring

- Use of sensors and IoT devices in poultry farms
- Performance and mortality tracking
- Environmental monitoring (temperature, humidity, CO_2)
- Decision-making based on real-time data
- **Case Study:** Smart poultry farm with automated monitoring systems

Module 7: Poultry Welfare & Sustainable Practices

- Humane handling and transport
- Environmental enrichment techniques
- Sustainable and eco-friendly production strategies
- Reducing carbon footprint in poultry operations
- **Case Study:** Welfare-compliant free-range poultry farm

Module 8: Farm Management & Economics

- Cost analysis and profit optimization
- Risk assessment and contingency planning
- Marketing strategies for poultry products
- Record-keeping and regulatory compliance
- **Case Study:** Turning a small-scale poultry farm into a profitable business

Training Methodology

This course employs a participatory and hands-on approach to ensure practical learning, including:

- Interactive lectures and presentations.
- Group discussions and brainstorming sessions.
- Hands-on exercises using real-world datasets.
- Role-playing and scenario-based simulations.
- Analysis of case studies to bridge theory and practice.
- Peer-to-peer learning and networking.
- Expert-led Q&A sessions.
- Continuous feedback and personalized guidance.

Register as a group from 3 participants for a Discount

Send us an email: info@fineskilltrainingcenter.org or call *+254769199797*

Certification

Upon successful completion of this training, participants will be issued with a globally- recognized certificate.

Tailor-Made Course

We also offer tailor-made courses based on your needs.

Key Notes

a. The participant must be conversant with English.

b. Upon completion of training the participant will be issued with an Authorized Training Certificate

c. Course duration is flexible and the contents can be modified to fit any number of days.

d. The course fee includes facilitation training materials, 2 coffee breaks, buffet lunch and A Certificate upon successful completion of Training.

e. One-year post-training support Consultation and Coaching provided after the course.

f. Payment should be done at least a week before commence of the training, to Fineskill Training Center account, as indicated in the invoice so as to enable us prepare better for you.

Upcoming Scheduled Sessions

Start Date	End Date	Location	Price
23 Nov 2026	27 Nov 2026	Online	$1,000
23 Nov 2026	27 Nov 2026	Physical	$1,500
23 Nov 2026	27 Nov 2026	Physical	$3,000
23 Nov 2026	27 Nov 2026	Physical	$3,000

Start Date	End Date	Location	Price
23 Nov 2026	27 Nov 2026	Physical	$6,000
23 Nov 2026	27 Nov 2026	Physical	$4,500
23 Nov 2026	27 Nov 2026	Physical	$6,000
23 Nov 2026	27 Nov 2026	Physical	$6,000

Ready to enroll or request a customized program? Book online or contact us:

Register Online Now

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