Extensive Livestock Husbandry 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

Extensive Livestock Husbandry is a cornerstone of sustainable agriculture and rural development. This comprehensive training program equips participants with advanced skills in animal welfare, pasture management, disease control, and eco-friendly livestock production. With increasing global demand for high-quality livestock products and ethical farming practices, mastering extensive livestock husbandry ensures enhanced productivity, profitability, and environmental stewardship. Participants will gain practical knowledge on integrating modern technology, breeding strategies, and health management to optimize livestock operations while maintaining ecological balance.

Extensive Livestock Husbandry Training Course is designed for both aspiring and experienced livestock managers who aim to achieve sustainable growth, risk management, and operational efficiency in extensive farming systems. Through hands-on workshops, real-world case studies, and interactive learning modules, trainees will develop the expertise to handle large-scale grazing systems, pasture optimization, nutritional planning, and disease prevention strategies. Emphasizing innovation, resilience, and profitability, this program empowers farmers, agripreneurs, and extension officers to transform livestock management practices for long-term success.

Programme Curriculum

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Course Duration

5 days

Course Objectives

1. Enhance knowledge of sustainable livestock management practices.
2. Master pasture and grazing optimization for maximum productivity.
3. Develop skills in animal health monitoring and disease prevention.
4. Implement innovative breeding and genetics strategies.
5. Apply nutritional planning for diverse livestock species.
6. Understand climate-smart livestock management techniques.
7. Improve farm profitability through operational efficiency.
8. Adopt eco-friendly and regenerative livestock practices.
9. Integrate technology and smart tools in livestock management.
10. Analyze risk management strategies for extensive farming systems.
11. Gain expertise in marketing and value addition of livestock products.
12. Develop strategic farm planning and resource allocation skills.
13. Evaluate and apply real-world case studies for problem-solving in extensive livestock husbandry.

Target Audience

1. Livestock farmers & ranchers
2. Agricultural extension officers
3. Agripreneurs & start-up farm owners
4. Veterinary professionals
5. Animal nutritionists
6. Students in animal science & veterinary studies
7. NGOs & organizations in rural development
8. Policy makers in livestock and agriculture sectors

Course Modules

Module 1: Introduction to Extensive Livestock Systems

- Overview of extensive vs. intensive livestock farming
- Global trends in sustainable livestock production
- Role of livestock in rural economy & food security
- Environmental and social impact assessment

- Case Study: Community-based grazing systems in Africa

Module 2: Pasture & Grazing Management

- Types of pastures and forage species
- Rotational and strip grazing techniques
- Soil fertility and pasture productivity
- Seasonal grazing planning & forage budgeting
- Case Study: Grazing optimization in Australian rangelands

Module 3: Animal Nutrition & Feeding Strategies

- Nutritional requirements of different livestock species
- Formulating cost-effective rations
- Feed supplements and mineral management
- Pasture-based vs. mixed feeding approaches
- Case Study: Enhancing milk yield through improved pasture nutrition

Module 4: Breeding & Genetics

- Selection of breeds for extensive systems
- Genetic improvement strategies
- Reproductive management & artificial insemination
- Crossbreeding for resilience and productivity
- Case Study: Sustainable sheep breeding in New Zealand

Module 5: Animal Health & Disease Management

- Common diseases in extensive systems
- Vaccination and preventive care strategies
- Parasite control & biosecurity measures
- Health monitoring and record-keeping
- Case Study: Foot-and-mouth disease control in South America

Module 6: Climate-Smart & Sustainable Practices

- Pasture regeneration & soil conservation
- Carbon footprint reduction in livestock farming
- Water management in arid zones
- Integration of agroforestry with grazing
- Case Study: Climate-adaptive livestock farming in India

Module 7: Farm Management & Economics

- Budgeting and cost-benefit analysis
- Resource allocation and labor management
- Risk assessment and contingency planning
- Profit maximization strategies
- Case Study: Profit analysis of extensive cattle ranching in USA

Module 8: Technology & Innovation in Livestock Husbandry

- Precision livestock monitoring tools

- Remote sensing & GPS for grazing management
- Mobile apps for health & productivity tracking
- Data-driven decision-making in livestock farms
- Case Study: Smart farming adoption in European cattle farms

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
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

Email: info@fineskilltrainingcenter.com | Website: www.fineskilltrainingcenter.com