Advanced Wildlife Capture and Handling Training Course

Professional Development Training Course Outline

Category	Wildlife Management	**Duration**	10 Days
Base Fee	$3,000 USD	**Delivery Mode**	Online / On-site Hybrid

Course Introduction

Advanced Wildlife Capture and Handling Training Course is designed to equip participants with specialized expertise in wildlife management, animal welfare, and ecological sustainability. This program emphasizes the safe, ethical, and effective handling of wildlife through proven scientific techniques and practical fieldwork. With a strong focus on animal physiology, habitat assessment, and emergency response strategies, the course ensures that learners gain hands-on skills that align with international wildlife conservation standards.

This training highlights modern tools, best practices, and case-based learning for professionals who work in wildlife conservation, veterinary sciences, zoology, and environmental management. By integrating cutting-edge methodologies, participants will gain knowledge in areas such as capture equipment, sedation techniques, population monitoring, relocation strategies, and risk mitigation. The course prepares learners to respond effectively to real-life scenarios while upholding ecological balance and biodiversity conservation.

Programme Curriculum

Advanced Wildlife Capture and Handling Training Course

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Course Objectives

1. Develop expertise in wildlife capture techniques using modern equipment.
2. Enhance understanding of animal handling safety protocols.
3. Apply advanced sedation and tranquilization methods for diverse species.
4. Strengthen skills in wildlife transportation and relocation logistics.
5. Conduct population monitoring and habitat assessment for sustainable management.
6. Evaluate risk mitigation strategies for human-wildlife conflict.
7. Explore ecological balance principles in wildlife management.
8. Analyze case studies on species rehabilitation and conservation practices.
9. Strengthen decision-making in high-pressure wildlife operations.
10. Apply animal welfare standards in capture and handling.
11. Build practical skills for veterinary and ecological interventions.
12. Integrate technology such as GPS tracking and drones in fieldwork.
13. Promote biodiversity conservation through ethical wildlife practices.

Organizational Benefits

- Improved staff competency in safe animal handling.
- Enhanced organizational reputation in conservation efforts.
- Reduced risks associated with wildlife management operations.
- Increased efficiency in field-based research projects.
- Strengthened compliance with international animal welfare standards.
- Better preparedness for crisis and emergency wildlife situations.
- Greater collaboration opportunities with global conservation agencies.
- Access to modern methodologies in ecological management.
- Contribution to long-term biodiversity and habitat preservation.
- Boosted organizational credibility through certified training programs.

Target Audiences

1. Wildlife conservation officers
2. Zoologists and ecologists
3. Veterinary professionals
4. Animal rescue specialists
5. Environmental management experts
6. Research scientists in biodiversity
7. Government wildlife departments
8. Non-governmental conservation organizations

Course Duration: 10 days

Course Modules

Module 1: Introduction to Wildlife Capture and Handling

- Principles of wildlife capture and management
- Historical context and evolution of capture techniques
- Safety protocols for handlers and animals
- Importance of ethical and humane practices
- Global standards in wildlife handling
- Case study: Lessons from wildlife handling in African reserves

Module 2: Animal Behavior and Stress Responses

- Understanding animal psychology during capture
- Identifying stress indicators in wildlife
- Stress reduction methods in handling practices
- Impacts of stress on animal physiology
- Techniques for safe observation
- Case study: Behavioral responses of elephants in relocation projects

Module 3: Capture Equipment and Tools

- Overview of modern capture equipment
- Maintenance and safety checks for tools
- Netting and trapping techniques
- Remote darting systems
- Innovative non-invasive tools
- Case study: Darting operations in large carnivore studies

Module 4: Sedation and Tranquilization Techniques

- Types of sedatives used in wildlife
- Dosage calculations for different species
- Monitoring animal vital signs during sedation
- Recovery management post-sedation
- Legal and ethical considerations in sedation
- Case study: Chemical immobilization of rhinos in conservation

Module 5: Wildlife Transportation and Relocation

- Planning relocation operations
- Transportation vehicle requirements
- Environmental considerations in relocation
- Health and welfare checks before transport
- Monitoring animals during relocation
- Case study: Relocation of giraffes to new habitats

Module 6: Population Monitoring and Tracking

- GPS tracking and telemetry systems
- Use of drones in monitoring wildlife
- Habitat mapping and analysis
- Monitoring migration patterns
- Data collection and interpretation
- Case study: GPS collar tracking of big cats

Module 7: Habitat Assessment and Management

- Evaluating habitat suitability
- Ecological indicators of healthy habitats
- Restoration and rehabilitation of degraded areas
- Human impact on wildlife habitats
- Strategies for sustainable habitat use
- Case study: Habitat restoration in tropical forests

Module 8: Risk Mitigation and Human-Wildlife Conflict

- Causes of human-wildlife conflict
- Preventive measures and barriers
- Community engagement in conflict resolution
- Conflict mitigation technology
- Legal frameworks addressing conflicts
- Case study: Mitigation strategies in elephant crop-raiding incidents

Module 9: Wildlife Rescue and Emergency Response

- Rapid response protocols
- Techniques for rescuing injured animals
- Wildlife disaster management
- Field triage and emergency care
- Communication and coordination in emergencies
- Case study: Flood response for stranded wildlife

Module 10: Animal Welfare and Ethical Standards

- Principles of animal welfare in wildlife management
- Codes of practice in handling operations
- Ensuring ethical practices in field research
- Impact of unethical practices on ecosystems
- International welfare guidelines
- Case study: Welfare evaluation in captive wildlife

Module 11: Veterinary Interventions in Capture

- Role of veterinarians in capture operations
- Preventive healthcare in wildlife
- Diagnostic procedures in the field
- Vaccination and treatment protocols
- Managing zoonotic disease risks
- Case study: Veterinary involvement in primate capture

Module 12: Rehabilitation and Release Strategies

- Rehabilitation of injured or orphaned animals
- Soft vs. hard release methods
- Long-term monitoring post-release
- Community involvement in rehabilitation projects
- Success factors in release programs

- Case study: Rehabilitation of rescued pangolins

Module 13: Advanced Technology in Wildlife Management

- Integration of GIS in wildlife studies
- Drone-based surveillance
- Use of AI in animal identification
- Digital databases for conservation research
- Technology for anti-poaching measures
- Case study: AI-based monitoring of endangered species

Module 14: Legal and Policy Frameworks

- National and international wildlife laws
- CITES regulations and compliance
- Protected areas and their governance
- Legal responsibilities during handling
- Conservation policy trends
- Case study: Application of CITES in ivory trade monitoring

Module 15: Capstone Case Studies and Field Applications

- Review of global best practices in wildlife capture
- Comparative studies across species and habitats
- Problem-solving in complex field operations
- Developing independent field strategies
- Integrating course knowledge into practice
- Case study: Multi-species capture operation in savannah ecosystems

Training Methodology

- Interactive classroom lectures with real-world examples
- Hands-on field demonstrations with capture equipment
- Group discussions and scenario-based simulations
- Case study analysis for applied learning
- Practical assignments and field-based assessments
- Continuous feedback and expert 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	04 Dec 2026	Online	$2,000
23 Nov 2026	04 Dec 2026	Physical	$3,000
23 Nov 2026	04 Dec 2026	Physical	$6,000
23 Nov 2026	04 Dec 2026	Physical	$6,000
23 Nov 2026	04 Dec 2026	Physical	$12,000
23 Nov 2026	04 Dec 2026	Physical	$9,000
23 Nov 2026	04 Dec 2026	Physical	$12,000
23 Nov 2026	04 Dec 2026	Physical	$12,000

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