Veterinary Emergencies and Critical Care 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

Veterinary Emergencies and Critical Care is designed for veterinarians, veterinary nurses, and emergency responders to develop expert skills in rapid assessment, life-saving interventions, and advanced critical care management. The course emphasizes evidence-based protocols, cutting-edge diagnostic tools, and real-world emergency scenarios, ensuring participants gain practical competencies in managing acute animal health crises. Participants will learn to stabilize, monitor, and treat critical patients while optimizing outcomes through innovative veterinary critical care techniques.

This course integrates interactive simulations, live case studies, and multidisciplinary approaches to prepare veterinary professionals for high-pressure situations. From trauma management and cardiopulmonary resuscitation to advanced monitoring and intensive care procedures, participants will enhance decision-making, clinical reasoning, and emergency response efficiency. By combining theory, practical skills, and real-life case discussions, this program equips veterinary professionals to provide exceptional critical care services and improve survival rates in emergency cases.

Programme Curriculum

Veterinary Emergencies and Critical Care Training Course

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Course Duration

5 days

Course Objectives

1. Master rapid triage and emergency assessment in veterinary critical care.
2. Apply evidence-based protocols for shock, trauma, and acute illness management.
3. Implement advanced cardiopulmonary resuscitation (CPR) techniques.
4. Utilize diagnostic imaging and point-of-care testing in emergencies.
5. Manage respiratory emergencies using ventilators and oxygen therapy.
6. Optimize fluid therapy and pharmacologic interventions for critically ill patients.
7. Monitor and maintain hemodynamic stability in high-risk animals.
8. Conduct pain assessment and analgesia in emergency and critical care.
9. Prevent, identify, and treat sepsis and multi-organ failure.
10. Implement advanced wound care and surgical emergency interventions.
11. Apply anesthesia and sedation safely in unstable patients.
12. Evaluate and improve emergency protocols through real-world case studies.
13. Enhance communication skills for team-based veterinary emergency response.

Target Audience

1. Veterinarians in small and large animal practice
2. Veterinary emergency and critical care specialists
3. Veterinary nurses and technicians
4. Animal hospital critical care teams
5. Veterinary interns and residents
6. Wildlife rescue and rehabilitation staff
7. Laboratory animal care professionals
8. Veterinary students pursuing emergency medicine

Course Modules

Module 1: Emergency Assessment & Triage

- Principles of triage in small and large animals
- Rapid physical examination techniques
- Prioritization of life-threatening conditions
- Emergency record-keeping and documentation
- Case Study: Multi-trauma dog after road accident

Module 2: Cardiopulmonary Resuscitation (CPR)

- Advanced CPR techniques in dogs, cats, and exotics
- Airway management and oxygen therapy
- ECG interpretation during cardiac arrest
- Post-resuscitation monitoring
- Case Study: Cardiac arrest in a cat following poisoning

Module 3: Trauma & Critical Injury Management

- Shock identification and stabilization
- Fracture immobilization and hemorrhage control
- Wound debridement and infection prevention
- Fluid resuscitation strategies
- Case Study: Polytrauma in a horse after fall

Module 4: Respiratory Emergencies

- Management of upper and lower airway obstruction
- Ventilation support and oxygen supplementation
- Monitoring arterial blood gases
- Emergency thoracocentesis and chest tube placement
- Case Study: Pneumothorax in a dog post-trauma

Module 5: Fluid Therapy & Pharmacology

- Crystalloids, colloids, and blood products
- Drug dosing in critical care situations
- Managing electrolyte imbalances
- Administering vasoactive medications
- Case Study: Hypovolemic shock in a cat

Module 6: Sepsis & Multi-Organ Failure

- Early recognition of sepsis
- Supportive care and organ monitoring
- Antimicrobial stewardship in critical care
- Nutritional support in critical patients
- Case Study: Septicemia in a post-surgical dog

Module 7: Surgical & Anesthesia Emergencies

- Emergency surgical interventions
- Safe anesthesia protocols for unstable patients
- Post-operative monitoring and critical care
- Pain management strategies
- Case Study: Emergency splenectomy in a dog with hemoperitoneum

Module 8: Advanced Monitoring & ICU Care

- Hemodynamic monitoring and ventilator management
- Continuous ECG, BP, and oxygen saturation monitoring
- ICU workflow and nursing care protocols
- Use of advanced diagnostic tools in ICU

- Case Study: Multi-day ICU management of a cat with pancreatitis

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

Start Date	End Date	Location	Price
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