

**Ungulate Care Workshop**  
**Hoof Care and Trimming Procedures, Oakland Zoo**  
**June, 2011**



Join us for the Ungulate Care Workshop: “Hoof Care and Trimming Procedures” at the Oakland Zoo in Oakland, California. During this 3 day course you will obtain a complete understanding of hoof health and will gain valuable hoof trimming skills!

**Workshop Description**

This 3-day, intensive, hands-on workshop is specifically designed to meet the needs of ungulate keepers, focusing on foot care for both domestic and exotic species in the zoological setting. Workshop attendees will gain an in depth understanding of the anatomy, physiology, and biomechanics of the lower limb in a variety of ungulate species. Attendees will gain basic knowledge of the causes of lameness and disease processes in the feet, trimming techniques, common treatment procedures, and proactive lameness prevention protocols.

Taught by experienced staff (farrier Scott Bell, Oakland Zoo ungulate keeper and veterinary staff, and several unique experts from nearby veterinary schools and horse shoeing schools), attendees will have the opportunity to receive one on one training, gaining hands-on experience in assessing the health of the hoof, as well as functional, corrective, and therapeutic hoof trimming procedures.

This workshop is limited to 6 participants as it provides both classroom learning and hands on field experience with a variety of species (using both cadaver feet and live specimens).

**Topics Covered Will Include:**

- Anatomy, physiology, and biomechanics of the lower limb
- Housing environments and footing and their effect on the overall health of the hoof
- The relationship between hoof health and proper nutrition
- Diagnoses and treatments of disease processes in the lower limb and foot
- Identifying various causes of lameness
- Proper use and maintenance of hoof care tools and supplies (hand and power tools)

- Hoof trimming procedures and techniques with both hand and power tools (practiced on both cadaver feet and live animals)
- Animal handling and restraint procedures for trimming
- Operant conditioning for medical procedures related to hoof health such as foot targets, foot and body positioning cues, radiographs, trimming, wraps and bandages, foot soaking procedures, and much more.

For more information please contact Amy Phelps at the Oakland Zoo,  
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