

**University of Colorado School of Medicine**

**Department of Emergency Medicine**

## **Wilderness Emergency Canine Care**

Like to hike, ski, bike, paddle, and/or camp with your dog? Learn how to prevent and to deal with wilderness emergency medical issues that could befall your best outdoor buddy. Taught by a richly experienced veterinarian, gain the knowledge and skills to be able to respond to common as well as catastrophic backcountry injuries and illnesses. Topics covered in this 8 hour class include wounds, orthopedics, heat/cold, GI, canine first aid kits, and much more. No experience needed.

### **Outline**

#### Introductions and Overview

- Introductions
- Class goals and schedule
- Safety and housekeeping
- Ethics and legal issues
- General wilderness safety

#### Epidemiology

- Injuries
- Fatalities

#### Prevention

- Heat/cold
- Paws/legs
- Other animals/toxins
- Fitness/nutrition

#### Dog Anatomy/Exam/Assessment

- Musculoskeletal
- GI
- Cardiac
- Respiratory
- Neurological

#### Wounds and Burns

- Hemostasis
- Cleaning
- Dressing

## Orthopedic Injuries

- Overuse and trauma

- Legs

- Hips/pelvis

- Spinal

## Head/Eyes/Ears Issues

- Throat

- Eyes

- Other head issues

## Heart and Circulatory Issues/Shock

- Heart issues

- Shock

## Respiratory Issues

- Airway issues

- Lung issues

## Gastrointestinal Issues

- Stomach

- Intestines and colon

## Thermal Issues

- Hypothermia

- Frostbite

- Hyperthermia

## Drowning

- Prevention

- Treatment

## Age Issues

- Puppies

- Older dogs

## First Aid Kits

## Summary & Conclusions