



GET CERTIFIED & SAVE LIVES

WILDERNESS EMS UPGRADE

MAY 8-12 BUENA VISTA, CO

- ▶ STATE OF COLORADO & NREMT-APPROVED EMT REFRESHER COURSE
- ▶ RIVERSIDE CAMPING ON THE ARKANSAS RIVER INCLUDED



COURSE DESCRIPTION

WEMS UPGRADE FOR EMTs, AEMTs, PARAMEDICS, AND RN'S

EMS-1062 WEMS UPGRADE COURSE DESCRIPTION

A 5-day intensive WILDERNESS STYLE EMT REFRESHER/WILDERNESS UPGRADE for EMTs, medics, and nurses. The course venue will be held at the Rocky Mountain Outdoor Center on the Arkansas River just outside Buena Vista. The course offers participants an internationally recognized Wilderness EMS-Upgrade Certification and meets the criteria for EMT Recertification in the state of Colorado and NREMT. Moreover, this course meets and exceeds the standards outlined by the Wilderness Medical Society, PHTLS, and IKAR MEDCOM for the completion of wilderness medical training for medical professionals and mountain rescuers.

The distinguished instructors, with decades of experience in wilderness rescue medicine, are passionate about imparting their knowledge to aspiring EMTs. The instructors are committed to your success, and their dedication ensures that your learning experience is fulfilling.

ENHANCE YOUR SKILLS & MINDSET FOR OPTIMAL PERFORMANCE IN CHALLENGING & REMOTE WILDERNESS ENVIRONMENTS

- ▶ WILDERNESS MEDICAL SOCIETY PRACTICE GUIDELINES
- ▶ PROLONGED FIELD CARE
- ▶ SEARCH AND RESCUE TACTICS
- ▶ EQUIPMENT IMPROVISATION
- ▶ WILDERNESS EVACUATION TECHNIQUES
- ▶ EXPEDITION & EVENT MEDICINE

WEMS UPGRADE COURSE & CERTIFICATION DETAILS

WEMS-Upgrade Summary

<u>Field Dates:</u>	May 8-12, 2023
<u>Hybrid Start Date:</u>	May 1 (self-paced)
<u>Venue:</u>	RMOC, Buena Vista, Co
<u>Registration:</u>	April 3, 2023
<u>Certifications:</u>	3 year Wilderness EMT NREMT Approved State of Colorado Approved State of Colorado Epinephrine Certification Stop the Bleed Certification
<u>Included in course:</u>	Camping at RMOC NREMT Skill competency check State of Colorado Skills check
<u>Not included in cost:</u>	Student Food Textbooks & Online Manual (\$129) NREMT Recertification Fees State of Colorado Recertification Fees
<u>Total Cost (including tuition, permits, fees, books, and camping)</u>	
	In-district = \$500.89
	In-state = \$800.89

**Contact Brian Taylor at btaylor@coloradomtn.edu
for any questions on WEMT-Upgrade**

Prerequisites: Students must be 18 years old
EMT, Medic, RN, or MD Certification or License*

*Contact Brian for details if your certification is lapsed or expired.

COURSE VENUE: RMOC, BUENA VISTA CO

RIVERSIDE VENUE

► RIVERSIDE OUTPOST AT RMOC

For those attending the course, the Rocky Mountain Outdoor Center is a renowned leader in outdoor adventure, with a proud history dating back to 1982. The center's riverside outpost is conveniently located within easy driving distance of Summit County and the Front Range. Nestled on the banks of the Arkansas River and framed by the majestic peaks of the Collegiate Range, the outpost offers a stunning and serene environment that is complemented by the natural splendor of Brown's Canyon National Monument.

The campsite boasts amenities such as picnic benches, fire pits, and tent spots, along with pit and flush toilets. Additionally, car camping options are available to ensure a comfortable and hassle-free experience. After each day's class, students can take advantage of the surrounding wilderness by embarking on a range of outdoor activities, including hiking, biking, rafting, paddleboarding, rock climbing, and more. This unique blend of learning and adventure promises an unforgettable and enriching experience.

RMOC.COM

Itinerary & Topics (Subject to Change)

COMPLETE ONLINE ORIENTATION BEFORE FIELD SESSION

Course paperwork, course eagrreement expectations
COVID policy & agreement
Medical Forms and Liability Waiver
Course Equipment
Course Introduction

DAY 1 BASIC LIFE SUPPORT SKILLS

Wilderness Medicine Protocols
Urban vs Wilderness Medicine Protocols
Wilderness Medical-Legal/Rescuer Professional Liability
Golden Principles of Wilderness Medicine
Patient Assessment Field Scenarios
Topics: Patient Assessment/Crew Resource Management
Scenarios/Communication/Documentation
Rescue Leadership Principles: Getting the Victory
Airway Assessment & Management
Oxygenation & Ventilation Basics
Patient Positioning
Suctioning the Airway
npa/opa/king/igel skill practice
Wilderness Improvisational Techniques
Shock Bleeding
Shock Overview
New theories in shock management
IV & Fluid resuscitation strategies
Internal Bleeding Assessment & Treatment
External Bleeding Assessment and Treatment
Pressure bandage/tourniquet/improvised tourniquet
Wound packing and hemostatic agents
CPR & Wilderness CPR protocols
Topics: Pit crew approach/Adult CPR/Pediatric CPR/Neonatal CPR
Post Resuscitative Care

DAY 2 THE TRAUMA PATIENT

Orthopedic Injuries
Fracture Assessment & Splinting
Wilderness improvisational splinting
Taping and Wrapping
Pain Management
Wilderness wound care
Prolonged care of wilderness wounds
Wound closure
Preventing & managing infections
Burns
Impaled Objects
Neurological Injuries
TBI and concussion management
SCI and selective spinal criteria
Back-boarding & Patient Packaging
Back boarding 101 & C-Collar, log-roll
Chest/Abdominal/GI Injuries
Prolonged Transport Guidelines
Backcountry Medicines & Technologies

Itinerary & Topics (Subject to Change)

DAY 3 MEDICAL EMERGENCIES

Overview of Medical Emergencies
Asthma & Anaphylaxis
Cardiac Emergencies (Angina/AMI)
Strokes
Seizures
Seizure vs Syncope
Diabetes
Toxicology
Combative patient
Acute Abdomen
N/V/D and Travel Medicine

DAY 4 ENVIRONMENTAL EMERGENCIES & SPECIAL TOPICS

Heat Emergencies: Heat Syncope/Exhaustion/Stroke/
Hyponatremia
Cold Emergencies: Hypothermia & Frostbite
Altitude Emergencies: AMS/HAPE/HACE
Avalanche Resuscitation
Drownings
Lightning Injuries
Snakes, Spiders & Scorpions

DAY 5 SAR AND WILDERNESS EVACUATION

Search & Rescue strategies and tactics
Med kits/24 hour pack
SAR evacuation equipment
Improvisational Wilderness Evacuation
Rope carries, Tarp & backpack carries
Litter and stretcher building workshop
Helicopter Orientation and Helicopter Evacuation
Expedition Medicine
Stress Inoculation Training/Final Scenarios

HYBRID CONTENT*

(*optional but required for NREMT recertification)

Crew Resource Management (0.5 Hour)
Evidence Based Guidelines (0.5 Hour)
Ventricular Assist Devices (0.5 Hour)
EMS Culture of Safety [0.5 Hour]
EMS Research [0.5 Hour]
At-Risk Populations [0.5 Hour]
Infectious Diseases [0.5 Hour]
Special Healthcare Needs (0.5 Hour)
EMS Provider Hygiene, Safety, and Vaccinations (0.5 Hour)
Local Protocols (1 hour)

*This format meets the requirements of 20 National Component hours, 10 state or local hours and 10 individual (elective) hours and also exceeds the requirement set forth by the Colorado State EMS department for Colorado EMT recertification of 36 hours.



THE COLLEGE THE CERTIFICATIONS THE PREMIER WILDERNESS RESCUE MEDICINE PROGRAM



CMC WEMS program is a proud affiliate of the Wilderness Medical Society

FOR MORE INFORMATION, CONTACT:

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