



GET CERTIFIED & SAVE LIVES

CMC WILDERNESS EMS CERTIFICATIONS

SPRING 2024 SCHEDULE

- ▶ WILDERNESS MEDICAL PROFESSIONAL
 - ▶ ROPE RESCUE TECHNICIAN
 - ▶ WILDERNESS EMS DIPLOMA



STACKABLE CREDENTIALS

WEMS PROGRAM

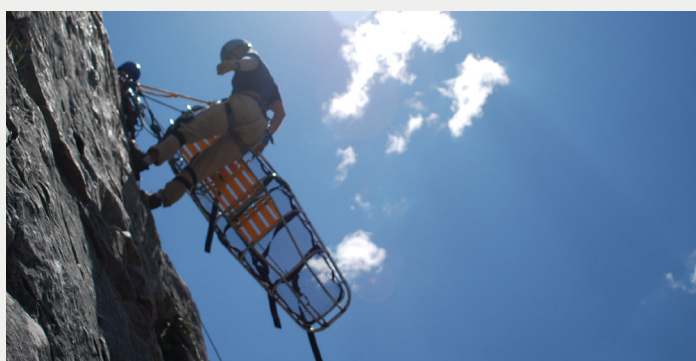
The Wilderness Emergency Medical Services (WEMS) Certification program offered by CMC represents a state-of-the-art internationally recognized certification for those seeking to become proficient in the dynamic and demanding field of WEMS. This program is designed to cultivate not only the technical competencies, but also the essential mindset and operational effectiveness required for effective deployment in remote and challenging wilderness environments.

The WEMS Certification program is a technician-level wilderness rescue medicine program designed for individuals aspiring to work as Wilderness Emergency Medical Technicians (WEMTs) or Wilderness Paramedics in a variety of specialized fields, including Search and Rescue operations, ski patrol, Rapid Extrication Module Support for wildland firefighting teams, Reach and Treat (RAT) operations, Special Operations, and as backcountry rangers with the USFS, BLM, or NPS, or as wilderness guides.

The WEMS Certification program is structured as a series of stackable credentials, allowing participants to tailor their training to meet their individual career goals. The WEMS Certification program offers a flexible educational experience, allowing students to start their studies at any point in the year and complete the courses and certifications that best align with their schedules. The stackable credentials included within the WEMS program are:

- ▶ **WILDERNESS MEDICAL PROFESSIONAL**
- ▶ **ROPE RESCUE CERTIFICATION**
- ▶ **WEMS CERTIFICATION DIPLOMA**
- ▶ **WALS CERTIFICATION FOR PARAMEDICS**

CONTACT BRIAN TAYLOR AT BTaylor@ColoradoMtn.edu for more information on courses & to schedule a meeting to start your career in Wilderness EMS



WEMS SPRING 2024 OVERVIEW

BRECKENRIDGE CAMPUS

WILDERNESS MEDICINE COURSES FOR EMTS & PARAMEDICS

WEMS- Upgrade (EMS-1062) in Moab, Utah

Course Certifications: Wilderness EMT-Upgrade (upgrades EMT to WEMT)

Hybrid start date: 04/01/24

Course Field Dates: 04/08/24-04/12/24 (field days in Moab, Utah)

ALS WEMS-Upgrade (EMS-2062) in Moab, Utah

Course Certifications: ALS Wilderness EMS-Upgrade. This will upgrade your EMT-A, or EMT-P to a WEMT-Advanced or WEMT-Paramedic.

Hybrid start date: 04/01/24

Course Field Dates: 04/08/24-04/12/24 (field days in Moab, Utah)

OPEN ENROLLMENT (EMT CERTIFICATION NOT REQUIRED)

Alpine Rescue (OUT-2068) in Breckenridge, CO:

Course Field Dates: 04/01/24 5pm-9pm (personal skills workshop)
04/02/24-04/04/24 (field days 8am-5pm)

Wilderness Technical Rescue (OUT-2064) in Colorado National Monument

Course Certifications: Level 1 Rope Rescue Technician Certification

Hybrid start date: 04/15/24

Course Field Dates: 04/27/24-04/28/24 (field days 8am-5pm)

High Angle Rescue (OUT-1066) in Colorado National Monument

Course Certifications: Level 2 Rope Rescue Technician Certification

Hybrid start date: 04/15/24

Course Field Dates: 04/29/24-05/02/24 (field days 8am-5pm)

Wilderness Survival (OUT-2042) in Utah

Hybrid start date: 04/15/24 from 6-8pm

Course Field Dates: 04/20/24-04/21/24 (overnight field session on Utah)

Backcountry Navigation (OUT-1020) in Utah

Zoom Meeting: 04/16/24 from 6-9pm

Course Field Dates: 04/22/24-04/24/24 (overnight field sessions in Utah)

Swiftwater Rescue (OUT-1585) on Arkansas River (Leadville campus):

Course Certifications: Swiftwater Rescue Technician

Course Field Dates: 04/12/24-04/14/24

Avalanche Rescue & Avalanche Level 1 (OUT-1670 & OUT 2068):

Multiple dates from January to April. Visit ColoradoMtn.edu/classes for details

EARLY ENROLLMENT STARTS 10/23 & 11/13 FOR ALL STUDENTS

WORLD-CLASS

INSTRUCTORS

CMC'S WEMS INSTRUCTORS HAVE DECADES OF EXPERIENCE IN EMERGENCY MEDICINE, WILDERNESS RESCUE & OUTDOOR EDUCATION



BRIAN TAYLOR

DIRECTOR & LEAD INSTRUCTOR

Paramedic, WEMT

20 year SAR veteran

Flight for Life Colorado Rapid
Avalanche Deployment Snow Tech &
Summer

Technical Rescue Member
Swiftwater Technician.



BEN BUTLER

ADMIN & INSTRUCTOR

WEMT-IV, AMGA Instructor

Summit Mnt Rescue Mission
Coordinator

Flight for Life Colorado Rapid
Avalanche Deployment Snow Tech &
Summer

Technical Rescue Member
Swiftwater Technician



JEREMY HOCKLEY

LEAD INSTRUCTOR

Paramedic, WEMT

Steamboat Ski Patrol

Rock Climbing Fanatic



HELEN ROWE

ADJUNCT INSTRUCTOR

WEMT

Summit SAR Team Leader

Canyoneering Guru



TOM SHWANDER

ADJUNCT INSTRUCTOR

Paramedic, WEMT

Keystone Ski Patrol

Combat Life Saver-
Military Combat Training



BROOKS BINGMAN

ADJUNCT INSTRUCTOR

Paramedic, WEMT

Steamboat Ski & Bike Patrol

"It's all about skiing!"

"For us, education is not just a job, it's a calling. We take immense pride in the knowledge that our graduates are making a real difference in the world, saving lives and providing critical medical support in some of the most challenging and remote environments. It is a privilege to work alongside our graduates, side by side, as they bring their newly acquired skills to bear in the service of others. We are truly honored to be a part of their journey and are dedicated to supporting them every step of the way." - Brian Taylor, WEMS Director and lead instructor

AMAZING VENUES

IN COLORADO & UTAH



The WEMS program is based out of the Breckenridge campus, but you don't need to live in Breckenridge full time to complete the program. You can obtain your EMT from Breckenridge, Leadville, Edwards, Steamboat, Spring Valley, Rifle, or you can enroll in the program already having your EMT or paramedic certification.

The Wilderness Medical Professional Certificate (Wilderness EMT-IV) is offered in an accelerated seven- week hybrid/field format out of the Steamboat campus in May/June each year. Alternatively, you can take the EMT, EMT-IV, and Wilderness EMT Upgrade courses independently, at any campus over several semesters, to obtain your Wilderness Medical Professional Certificate.

The Rope Rescue Certification is offered out of the Breckenridge campus with field locations in Breckenridge & Colorado National Monument.

► **COURSES VENUES ARE BRECKENRIDGE, STEAMBOAT, COLORADO NATIONAL MONUMENT, MOAB & THE CANYONLANDS NEEDLE DISTRICT**

- ▶ **MISSION OPTIMIZATION FOR HIGH STAKE TEAMS**
- ▶ **OPERATIONAL EFFECIENCY UNDER DURESS**
 - ▶ **HIGH RELIABILITY OPS**
- ▶ **IMPROVISATIONAL EQUIPMENT**
- ▶ **CONTINGENCY TACTICS**





MULTIPLE PATHWAYS

OUR PROGRAM IS DESIGNED FOR BOTH INDIVIDUALS WHO NEED EMT CERTIFICATION AND STUDENTS WHO ARE ALREADY CERTIFIED

01

ACCELERATED PATHWAYS.

Want to fast-track your wilderness medical or wilderness rescue education?

- ▶ Wilderness Medical Professional Certificate each May/June if you need your EMT certification.

OR

- ▶ WEMS Certification rescue courses are offered in an accelerated format each semester for those who prefer to complete their rescue course training first.

02

EMT TRADITIONAL PATHWAY.

Consider enrolling in the semester-long EMT certification program, offered during the fall, summer, or spring semesters, at one of the multiple CMC campuses.

Subsequently, complete the Rope Rescue Technician Certification and the WEMS Certification over the next academic semester, or alternatively, if you prefer, complete the rescue courses prior to obtaining your EMT certification.

03

ALREADY HAVE YOUR EMT?

Consider enrolling in:

- ▶ Rope Rescue Technician Certification

- ▶ Wilderness Emergency Medical Services (WEMS) Certification program to attain additional certifications to advance your resume and skillset in wilderness rescue (Swiftwater Rescue, Alpine and Avalanche Rescue, Survival, Backcountry Navigation, etc.).

▶ **CONTACT CMC NOW TO DISCUSS WEMS PATHWAYS**
YOU HAVE OPTIONS

WILDERNESS MEDICAL PROFESSIONAL CERTIFICATION

ACCELERATED EMT + WILDERNESS EMT + IV THERAPY

NEXT COURSE: Summer 2024 in Steamboat

DATES: Hybrid: Early May Start (Dates TBA)

FIELD: Late May–End of June (Dates TBA)

WILDERNESS MEDICAL PROFESSIONAL (WMP) IS THE RECOMMENDED CERTIFICATION FOR ENTRY INTO THE WILDERNESS AND PREHOSPITAL EMS WORKFORCE. WMP is an accelerated course that combines five college course, four certificates, and 17 credits into a seven-week course.

Location: Steamboat Lake State Park

[Colorado.com/state-parks/steamboat-lake-state-park](https://colorado.com/state-parks/steamboat-lake-state-park)

Required courses:

• EMS 1045-EMT lecture, syn# 41973	7 credits
• EMS 1046-EMT lab, syn# 41976	4 credits
• EMS 1070-EMT clinical, syn# 41978	1 credit
• EMS 1030-Intravenous Therapy, syn# 41979	2 credits
• EMS 1062-Wilderness EMT upgrade, syn# 41970	3 credits

The dates & prices listed below are from Summer 2023. For summer 2024 exact dates and updated pricing will be announced in January 2024.

Schedule: Online (hybrid): May: Students will work on their own pace throughout this time.

Required Webex meetings: May 8, 6–8pm, May 11, 6–8pm, May 18, 6–8pm, & May 25, 6–8pm

In-person: Campsites at Steamboat Lake state park are provided, and included in pricing below. Food and transportation are not provided.

May 29th – June 23rd

Monday through Friday, 8am–6pm

Clinicals/SIM lab will be on weekends

Total costs:

- In district: 3,290.96
- In state total: 4,990.96
- Potential for free tuition: [ColoradoMtn.edu/scholarships/tuition-discounts/care-forward-colorado](https://coloradomtn.edu/scholarships/tuition-discounts/care-forward-colorado)

Certifications:

- EMT certification
- American Heart CPR certification
- WEMT certification
- Intravenous Therapy certification

ROPE RESCUE TECHNICIAN CERTIFICATION

GET CERTIFIED TO WORK ON:

REMS TEAMS & RAT TEAMS:

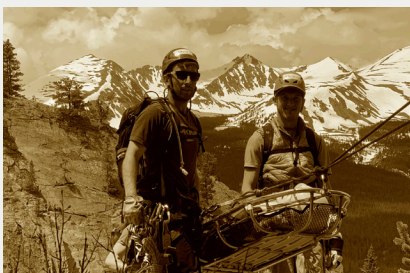
Rapid Extraction Module Support & Reach & Treat Teams to treat and rescue Wildland Firefighters.

SAR & MOUNTAIN RESCUE:

Apply to teams already having advanced skillsets!

PROGRAM REQUIREMENTS (3 CREDITS TOTAL)

- ▶ **WILDERNESS
TECHNICAL RESCUE
OUT-2064 (1 CREDIT)**
- ▶ **HIGH ANGLE RESCUE
OUT-1066 (2 CREDITS)**



THIS CERTIFICATION WILL TRAIN STUDENTS IN THE TECHNICAL SKILLS OF WILDERNESS ROPE RESCUE.

The certificate will provide students with the skill set needed to work as a rope technician in a mountain, wilderness, or high angle environment. The depth and breadth of the curriculum in this certification goes beyond what is typically taught in a level 1 or 2 rope rescue course. As a result, students who seek jobs as search & rescue technicians, climbing guides, park rangers, outdoor educators, and REMS or RAT SAR specialists will be able to provide employers with the necessary rope rescue certification needed to gain employment.

This certification is offered through the Breckenridge campus each semester.

WILDERNESS TECHNICAL RESCUE OVERVIEW (LEVEL 1 ROPE RESCUE CERTIFICATION)

This course provides students with the advanced skills needed for technical wilderness evacuation. The curriculum goes beyond the basic wilderness evacuation competencies commonly taught in a wilderness first responder or wilderness EMT course. Topics include organizing, planning, and managing technical rescues, common SAR knots, and anchor systems, patient packaging for technical evacuations, rescue load lowering/raising systems in scree, and steep environments, and medical considerations for wilderness technical evacuations. Efficient and safe wilderness evacuation skills will be developed through a combination of skill stations and challenging field scenarios.

HIGH ANGLE RESCUE OVERVIEW (LEVEL 2 ROPE RESCUE CERTIFICATION)

Learn high angle rescue techniques utilized by professional rescue organizations. This 4-day intensive rigging course addresses rescue in vertical terrain. The course will review safety systems, anchor systems, and lowering/uphaul systems. In addition, scenario-based instruction will cover technical lowers and uphauled of the injured climber, guidelines, pick-offs, third man medical, and other practical high-angle rescue techniques. This course is taught over 4 consecutive days or 2 weekends.



NEW WEMS COURSE!

REMOTE RESCUE TECHNICIAN

REMOTE RESCUE TECHNICIAN (OUT-1075)

This comprehensive 4-day course is designed to prepare rope rescue technicians for deployment within REMS (Remote Extraction Medical Support), RAT (Reach and Treat) teams and alpine rescue teams. This curriculum distinguishes itself by focusing on methodologies uniquely adapted to remote environments, as opposed to urban or front country rope rescue scenarios where resources are more abundant.

Participants will be guided through a series of modules that emphasize optimizing resources, minimizing equipment, and enhancing efficiency in remote and lightweight rope rescue techniques. These components are critical to the successful execution of high-stake technical rescue missions in challenging terrains.

By completing this course, rescue professionals will gain the essential skills and knowledge necessary to conduct missions in complex technical environments with agility, effectiveness, and precision. They will learn to go further, faster, and with less equipment, without sacrificing the mission's integrity and success. The methodologies taught are based on the latest best practices in the field of wilderness rescue and have been developed in conjunction with leading experts in wilderness medicine and technical rescue.



REMOTE RESCUE TECHNICIAN COURSE

COURSE ITINERARY

- ▶ Tenets and Guidelines for Remote Rescue
- ▶ SOPs, Safety, & Mission Planning
- ▶ PACE Methodology & Operational Effectiveness
- ▶ Single Rope Techniques (SRT) General Concepts
- ▶ Double Rope Techniques General Concepts
- ▶ Lightweight Technical Rescue Equipment & Packing
- ▶ Knotcraft, Austere & Contingency Anchors
- ▶ Mechanical Advantage Systems (MAS) & Counterweight Rescues
- ▶ Patient Movement & Evacuation

FOR MORE INFORMATION CONTACT:

BRIAN TAYLOR, WILDERNESS EMS PROGRAM DIRECTOR

BTaylor@ColoradoMtn.edu / 970-989-1324

ColoradoMtn.edu/programs/wilderness-ems



WILDERNESS EMS

CERTIFICATION

FOR STUDENTS WISHING TO CONTINUE THEIR EDUCATION IN ALPINE AND SNOW RESCUE, WILDERNESS SURVIVAL & BACKCOUNTRY NAVIGATION, THEY CAN COMPLETE THE ENTIRE WILDERNESS EMS CERTIFICATION PROGRAM.

PROGRAM REQUIREMENTS **(15 CREDITS TOTAL):**

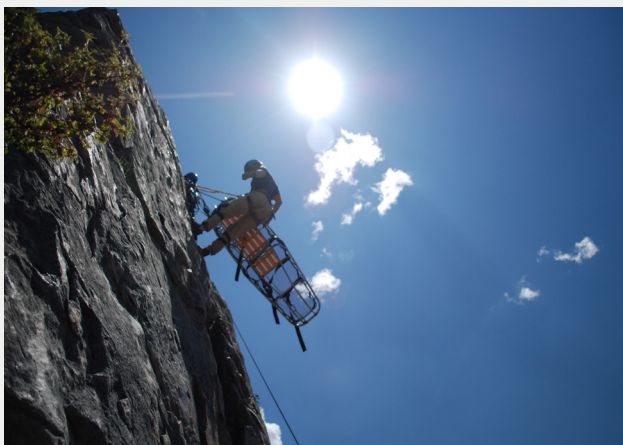
- ▶ **WILDERNESS EMT – UPGRADE
EMS-1062 (3 CREDITS)**
- ▶ **WILDERNESS TECHNICAL RESCUE
OUT-2064 (1 CREDIT)**
- ▶ **HIGH ANGLE RESCUE
OUT-1066 (2 CREDITS)**
- ▶ **BACKCOUNTRY NAVIGATION
OUT-1002 (1 CREDIT)**
- ▶ **SWIFT WATER RESCUE TECHNICIAN I
OUT-1040 (1 CREDIT)**
- ▶ **ALPINE RESCUE
OUT-1064 (2 CREDITS)**
- ▶ **LEVEL 1 AVALANCHE TRAINING
OUT 1068 (1 CREDIT)**
- ▶ **AVALANCHE RESCUE
OUT-2068 (.5 CREDIT)**
- ▶ **SURVIVAL SKILLS
OUT-2042 (1 CREDIT)**
- ▶ **ADVISED ELECTIVES FROM OUT,
HWE OR EMS
(3 CREDITS)**
- ▶ **NEW REMOTE RESCUE COURSE!**



OBTAIN A MAJORITY OF THE WEMS COURSES IN 5 WEEKS BEFORE OR AFTER GETTING CERTIFIED AS AN EMT.

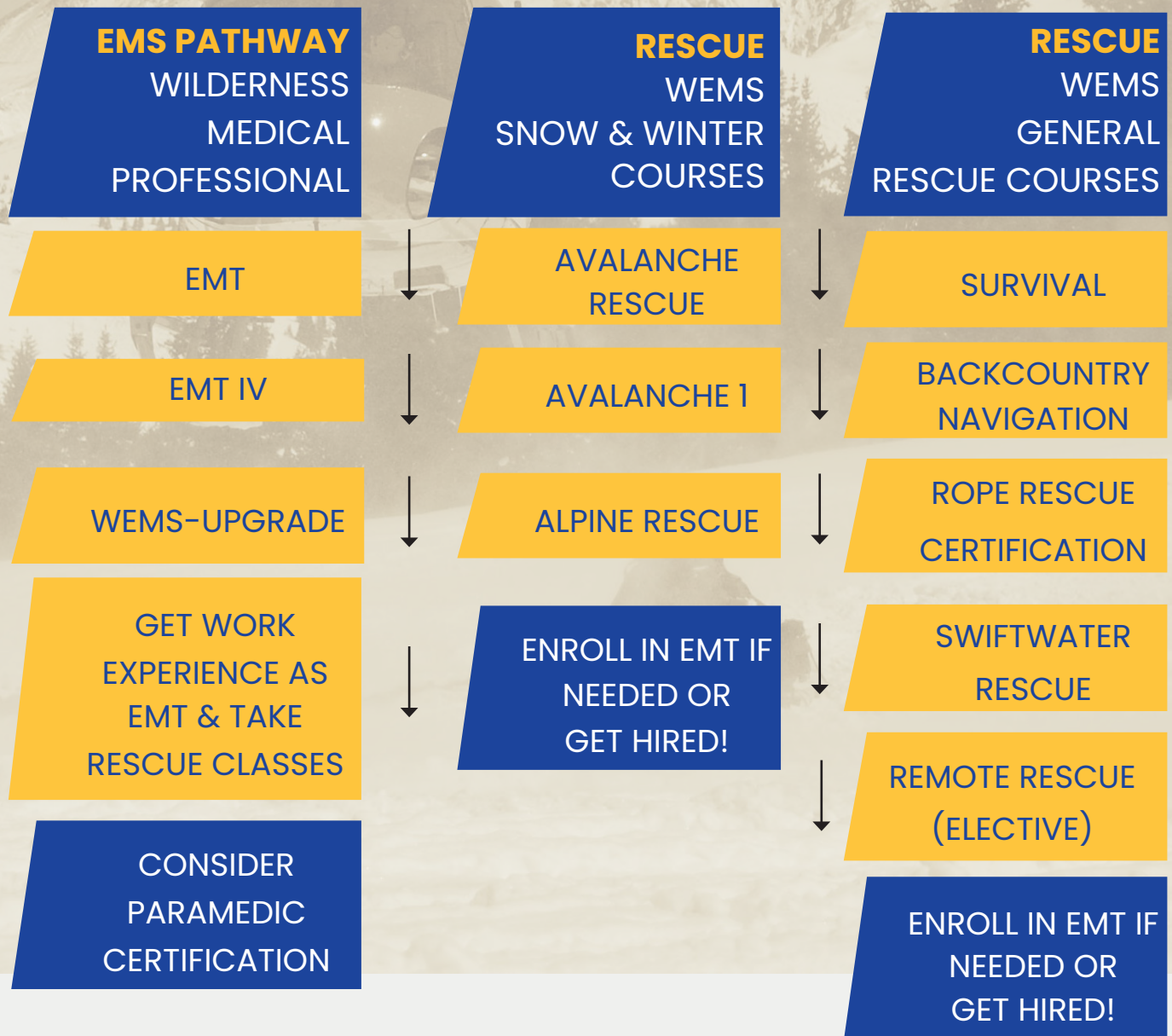
SEE PAGE 3 FOR COURSE DATES

- ▶ **WILDERNESS SURVIVAL**
- ▶ **BACKCOUNTRY NAVIGATION**
- ▶ **ROPE RESCUE CERTIFICATION**
- ▶ **WILDERNESS EMS-UPGRADE**
- ▶ **SWIFT WATER RESCUE**
- ▶ **LEVEL 1 AVALANCHE TRAINING**
- ▶ **AVALANCHE RESCUE**
- ▶ **ALPINE RESCUE**



RECOMMENDED SEQUENCE OF COURSES

- › DECIDE IF YOU ARE TAKING THE EMT OR RESCUE COURSES FIRST
- › THE RECOMMENDED PATHWAYS ARE LISTED BELOW
- › SEE PAGE 12 FOR WHEN AND WHERE COURSES WILL BE OFFERED



- › SIGN UP TO AN UPCOMING WEMS VIRTUAL INFORMATION SESSION
- › SESSIONS OFFERED MULTIPLE TIMES EACH SEMESTER
- › CONTACT BRIAN TAYLOR FOR THE NEXT AVAILABLE VIRTUAL SESSION
- › BRIAN TAYLOR: BTaylor@ColoradoMtn.edu

PLANNING YOUR JOURNEY

COURSE OFFERINGS

CONTACT THE WEMS DEPARTMENT OR BRECKENRIDGE STUDENT COUNSELORS FOR HELP WITH ENROLLMENT OR COURSE SCHEDULING. FIND OUT THE EXACT DATES AND TIMES OF COURSES BY TYPING IN THE COURSE CODE ON THIS WEBPAGE:

[ColoradoMtn.edu/classes](https://coloradomtn.edu/classes)

COURSE & SEMESTER	SPRING 2024	SUMMER 2024	FALL 2024
EMT SEMESTER-LONG FORMAT	Yes	Yes	Yes
WILDERNESS MEDICAL PROFESSIONAL (Accelerated WEMT-IV)	No	Yes	No
ROPE RESCUE TECHNICIAN Wilderness Technical Rescue (OUT-2064)& High Angle Rescue (OUT-1066)	Yes	No	Yes
WEMS DIPLOMA COURSES	Take all courses above & below for WEMS Diploma		
Avalanche Level 1 (OUT-1068)	Yes	No	Yes
Avalanche Rescue (OUT-2068)	Yes	No	Yes
Alpine Rescue (OUT-1064)	Yes	No	No
Swiftwater Rescue Technician (OUT-1040)	Yes	No	Yes
Wilderness Survival (OUT-2042)	Yes	No	Yes
Backcountry Navigation (OUT- 1002)	Yes	No	Yes

ENROLLMENT SPECIALISTS

THE SPECIALISTS LISTED BELOW ARE FAMILIAR WITH THE WEMS PROGRAM AND CAN HELP YOU WITH THE CMC APPLICATION, ENROLLMENT, FINANCIAL AID AND COMMON QUESTIONS ABOUT CMC.

▶ **LIANNE JACKSON**

Academic Advisor/Senior Enrollment Specialist
CMC Breckenridge
LJackson4@ColoradoMtn.edu

▶ **MEL JAMES**

Academic Advisor/Senior Enrollment Specialist
CMC Breckenridge
MJJames@ColoradoMtn.edu

TO APPLY VISIT:

ColoradoMtn.edu/apply-get-started/virtual-admissions

WEMS TRAINING

SINCE 2006

While other programs may attempt to emulate our Wilderness Emergency Medical Services (WEMS) certification program, we continue to be the leading industry standard for individuals seeking specialist-level wilderness rescue and medical training. This certification program has been developed by seasoned professional wilderness rescuers with extensive experience, ensuring that participants receive the most updated, practical, and hands-on training in wilderness rescue medicine.



HYPER REALISTIC TRAINING

At CMC, we believe in rigorous training to ensure optimal preparedness for real-world rescue scenarios. Our training regimen incorporates stress inoculation techniques and employs state-of-the-art, hyper-realistic training aids to prepare participants for the challenges of wilderness rescue. Furthermore, our program is equipped with the latest and most widely-used industry-standard rescue equipment, as utilized by REMS, RAT, SAR, ski patrol and mountain rescue teams across North America.

AMAZING MOUNTAIN & DESERT VENUES

Train in the high altitude mountains and desert with world-class skiing and riding, class 1-5 whitewater rafting, multi-pitch crags, and some of the best mountain biking in the country. After graduating, live and work in one of the busiest counties in the country for wilderness rescues and emergency medicine as a WEMT (Summit County SAR, Breckenridge/Keystone/Copper/Arapahoe Basin Ski Resorts, all with mountain clinics and ski patrol job opportunities)

WORLD CLASS INSTRUCTION

At CMC, we are dedicated to providing a transformational learning experience, where you will have the honor of being taught by instructors who are deeply passionate about sharing their knowledge and experience with aspiring Emergency Medical Technicians (EMTs) and rescuers. Our instructors are true experts in the field of wilderness rescue medicine, with decades of hands-on experience to draw from. They are committed to your success and will go above and beyond to help you achieve your goals.



**THE COLLEGE
THE CERTIFICATIONS
THE PREMIER WILDERNESS
RESCUE MEDICINE PROGRAM**



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

FOR MORE INFORMATION CONTACT:

BRIAN TAYLOR, WILDERNESS EMS PROGRAM DIRECTOR

BTaylor@ColoradoMtn.edu / 970-989-1324

ColoradoMtn.edu/programs/wilderness-ems