



Hybrid WFR & WEMT Recertification Course (28 hour

Online Modules

8 hours*

General

- Course Introduction
- Medical/Legal Concepts
- General Concepts in Patient Care
- Body Defenses
- Basic Pharmacology
- Autonomic Stress Response
- Patient Assessment System

Trauma

- Assessing Traumatic Problems
- Increased ICP & Concussion
- Bleeding & Volume Shock
- Respiratory Distress & Arrest
- Stable & Unstable Extremity Injuries
- Spine & Cord Injuries
- Dislocations
- Wounds
- Focused Spine Assessment

Environmental

- Assessing Environmental Problems
- Dehydration
- Heat Exhaustion, Heat Stroke, & Hyponatremia
- Exertional Rhabdomyolysis
- Sun Exposure
- Hypothermia
- Drowning
- Allergies
- Wilderness Toxins and Venomous Bites & Stings
- Anaphylaxis
- Lightning Injuries

Medical

- Assessing Medical Problems
- Circulatory System Problems
- Respiratory System Problems
- Gastrointestinal System Problems
- Genitourinary System Problems
- Diabetes
- Asthma
- Seizures
- Ear Problems
- Eye Problems
- Nose Problems
- Tooth & Gum Problems
- Infectious Diseases
- Mental Health Emergencies

Practical Session*

20 hours

Day 1

- Practical Session Introduction
- Basic Life Support Simulations
- Extremity Splints Review
- Patient Assessment, Evaluation & SOAP Documentation Review
- Physical Exam Review
- Focused Spine Assessment Review
- Traumatic Simulations
- Case Study Homework

Evening Session

- Adult & Child CPR & AED Skills Review

Day 2

- Case Study Homework Review
- Spine Management & Hypothermia Packaging Review
- Improvised Pelvic Binder Review
- Dislocations Review
- Traumatic Simulations
- Assessing Medical Problems Review
- Environmental & Medical Simulations
- Mental Health Emergencies
- Course Debrief, Closing & Clean-up

** The curriculum for this course is flexible and focuses on accurate patient assessment and evaluation during simulations. Depending on the assessed needs of the students, some topics may not be addressed. NOTE: the online tests cover all the original course topics.*

** The amount of time required to complete the online modules varies between individuals.*

Hybrid WFR & WEMT Recertification Course Lab Descriptions

- Adult & Child CPR and AED Certification Skills Lab: Adult & Child CPR, AED, and Obstructed Airway skills are refined using mannikins.
- Extremity Splints Review: Padded aluminum splints and expedition supplies are used to improvise effective extremity splints using the buddy, cast, jelly roll, sandwich splint concepts. Bring a cut T-shirt roll and a pair of heavy hiking socks; the socks will not be cut.
- Focused Spine Assessment Review: How to assess and rule out possible spine injuries in a wilderness context.
- Spine Management Review: Lifting, moving, and packaging potentially spine-injured patients lying on their back and side in a commercial or improvised litter and improvised stretcher.
- Improvised Pelvic Binder Review: Common expedition equipment is used to improvise an effective pelvic binder.
- Dislocations Lab: Relocation techniques for indirect anterior shoulder, lateral patella, and digits are demonstrated and practiced. Jaw reduction and passive anterior shoulder reduction techniques are demonstrated.
- Improvised Hypothermia Packaging Review: Sleeping bags, pads, tarps or plastic sheeting, and water bags/bottles are used to improvise a hypothermia package.
- Simulations: Role plays incorporating patient assessment & documentation. Make-up is used to increase the reality of traumatic simulations and cuttable simulation clothing is required.