

Outdoor Emergency Care Hybrid Course Syllabus

Course Dates	6 September - 8 November 2025
Instructors	Seth Larson, Brent Brooks, Eric Brindle, Trevor Hartman, Cory Rice, Jasen Molm
Instructor of Record Contact	Deryk Jeter 406 694-3374 deryk.skeeter@gmail.com
Course Name (Skills Session)	Outdoor Emergency Care
Location of Skills Session	American Medical Response 1701 Montana Ave, Billings MT 59101

The *Outdoor Emergency Care Hybrid* course is taught through a combination of online modules and instructor-led training sessions. Students who enroll in the *OEC Hybrid* course will gain access to the online course materials and will be prompted to sign up for the appropriate *OEC Hybrid Skills* Session for Red Lodge Mountain.

By the end of this course, you will be able to:

- Understand the role of an OEC technician within the medical community.
- Assess and manage scene safety under a variety of conditions.
- Assess and manage life-threatening conditions in the ill or injured patient.
- Conduct a patient assessment with confidence and sense of urgency.
- Care appropriately for ill or injured persons.
- Perform safe and effective stabilization and extrication of ill or injured persons in the outdoor environment while preventing further injury.
- Document and communicate the appropriate care of the patient.

Successful completion: To complete this course and earn the certificate of completion, you will need to:

- Enroll in the OEC Hybrid course
- Attend all practical skills sessions and get skill signoffs using skill sheets provided. There is no substitute for face-to-face practical experience.
- Prepare for class with assigned readings, online materials, and practice skills.
- Successful completion (>80%) on final online written exam.
- Successful completion of practical exam.

Course Materials

Textbook (required): Outdoor Emergency Care: A Patroller's Guide to Medical Care, 6th Edition

- This book can be purchased through the NSP store on the [NSP website](#) at a discounted rate. Used or eBook options can also be found online or [directly through the publisher](#).
- IMPORTANT: Please DO NOT use or purchase separately the *Jones & Bartlett Learning: Navigate 2 Advantage Access* card at the beginning of your textbook to access the course. You will access all course materials through the NSP Center for Learning, see below.

Online Materials and Access: To access the course content, take the online exam, and receive credit, students must enroll in the OEC Hybrid course.

- From the NSP Center for Learning course catalog, enroll in the *Outdoor Emergency Care Hybrid* course and pay the course fee. This course contains the online modules, practice exams, and final online exam, which you will be given access to during the exam window.
- You will be prompted to enroll in the appropriate *OEC Hybrid Skills Session* from here. The Skills Session contains important information, additional resources, and discussion prompts from your instructors. Please refer to this course for further direct instruction.
- Both the OEC Hybrid and OEC Hybrid Skills Session can be found in your learning center at any time.

In-Class Preparation

Class Materials: Please bring note-taking materials and your textbook to each class.

Dress: Please wear comfortable attire appropriate to the environment. We may work outside during lab sessions. Practice scenarios will occur in all weather conditions. Wear pants and closed toed shoes.

Course Outline & Schedule:

Prior to class (skills session), please review the online modules and related textbook chapters. Plan to spend a couple of hours prior to class on each module and related materials.

Skills Session Date/Time	Module	Topic & Skills	Textbook Reference & Skill Sheets
Saturday 6 Sep 2025 09:00-12:00	Module 1 Principles of Emergency Response	Introduction Personal protective equipment	Chapter 1: Introduction to OEC Chapter 3: Rescue Basics • OEC Skill 3-1
Saturday 6 Sep 2025 09:00-12:00	Module 2 Principles of Anatomy & Physiology	Anatomy & Physiology	Chapter 6: Anatomy & Physiology
Saturday 13 Sep 2025 09:00-12:00	Module 3 Principles of Assessment & Management	Scene size-up Primary assessment History taking Secondary assessment Vital signs Reassessment	Chapter 7: Assessment • OEC Skill 7-1 • OEC Skill 7-2 • OEC Skill 7-3 • OEC Skill 7-4 • OEC Skill 7-5 • OEC Skill 7-6
Saturday 13 Sep 2025 09:00-12:00	Module 4 Airway Management & Respiratory Emergencies	Airway Management Oxygen Administration Respiratory Emergencies	Chapter 9: Airway Management • OEC Skill 9-1 • OEC Skill 9-2 • OEC Skill 9-3 • OEC Skill 9-4 • OEC Skill 9-5 Chapter 13: Respiratory Emergencies • OEC Skill 13-1

			• OEC Skill 13-2
Saturday 20 Sep 2025 09:00-12:00	Module 5 Heart & Cardiovascular Emergencies	Shock Management Cardiovascular Emergencies Medication administration	Chapter 10: Shock • OEC Skill 10-1 Chapter 15: Cardiovascular Emergencies • OEC Skill 15-1 Chapter 14: Allergies & Anaphylaxis • OEC Skill 14-1
Saturday 27 Sep 2025 09:00-12:00	Module 6 Principles of Trauma	Principles of Trauma Soft Tissue Injuries ▪ Bleeding control ▪ Burn management	Chapter 18: Principles of Trauma Chapter 19: Soft Tissue Injuries & Burns • OEC Skill 19-1 • OEC Skill 19-2 • OEC Skill 19-3 • OEC Skill 19-4 • OEC Skill 19-5 • OEC Skill 19-6 • OEC Skill 19-7 • OEC Skill 19-8 • OEC Skill 19-9
Saturday 4 Oct 2025 09:00-12:00	Module 7 Musculoskeletal Injuries	Musculoskeletal Injuries Splinting ▪ Upper extremity injuries ▪ Lower extremity injuries	Chapter 20: Musculoskeletal Injuries • OEC Skill 20-1 • OEC Skill 20-2 • OEC Skill 20-3 • OEC Skill 20-4 • OEC Skill 20-5 • OEC Skill 20-6 • OEC Skill 20-7 • OEC Skill 20-8 • OEC Skill 20-9 • OEC Skill 20-10 • OEC Skill 20-11 • OEC Skill 20-12
Saturday 11 Oct 2025 09:00-12:00	Module 8 CNS, Head & Neck Injuries	Moving & Lifting Patients Spinal Motion Restriction Soft tissue injuries of the face & neck	Chapter 5: Moving, Lifting, & Transporting Patients • OEC Skill 5-1 • OEC Skill 5-2 • OEC Skill 5-3 • OEC Skill 5-4 • OEC Skill 5-5 • OEC Skill 5-6

			• OEC Skill 5-7 • OEC Skill 5-8 • OEC Skill 5-9 • OEC Skill 5-10 • OEC Skill 5-11 • OEC Skill 5-12 Chapter 21: Spine, Brain, & Nervous System Injuries • OEC Skill 21-1 • OEC Skill 21-2 • OEC Skill 21-3 • OEC Skill 21-4 • OEC Skill 21-5 • OEC Skill 21-6 Chapter 22: Face, Eye, & neck Injuries • OEC Skill 22-1
Saturday 18 Oct 2025 09:00-12:00	Module 9 Thoracic & Abdominal Injuries	Assessment of the chest using LAP Management of chest trauma Management of abdominal trauma Pelvic fractures	Chapter 23: Chest Trauma Chapter 24: Abdominal & Pelvic Trauma • OEC Skill 24-1
Saturday 18 Oct 2025 09:00-12:00	Module 10 Altered Mental Status	Assessment of altered mental status Management of diabetic emergencies Stroke assessment and management	Chapter 11: Altered Mental Status Chapter 12: Substance Abuse & Poisoning
Saturday 25 Oct 2025 09:00-12:00	Module 11 Abdominal, Pelvic & Obstetric Emergencies	Assessment of the Abdomen Management of acute abdomen Management of Reproductive System or Obstetric Emergencies Emergency Childbirth	Chapter 16: GI, GU, and Reproductive System Emergencies Chapter 17: Childbirth, Obstetric Emergencies, and Sexual Assault
Saturday 25 Oct 2025 09:00-12:00	Module 12 Environmental Emergencies	Assessment and management ▪ Cold injuries and illness ▪ Heat injuries and illness ▪ Altitude injuries and illness	Chapter 25: Cold-Related Injuries Chapter 26: Heat-Related Injuries Chapter 27: Plant & Animal Emergencies Chapter 28: Altitude-Related

		Water injuries & illness Practice Skills & Scenarios	Injuries Chapter 29: Water-Related Emergencies
Saturday 25 Oct 2025 09:00-12:00	Module 13 Responding to Special Populations	Assessment & management of - Children - Elderly - Adaptive athletes	Chapter 30: Pediatric Emergencies Chapter 31: Geriatric Emergencies Chapter 32: Adaptive Athletes Chapter 33: Behavioral Emergencies and Crisis Response OEC Skill 33-1
Saturday 25 Oct 2025 09:00-12:00	Module 14 Transitioning Care	Medical Systems Triage Practice Skills & Scenarios	Chapter 2: Emergency Medical Care Systems Chapter 4: Incident Command & Triage Chapter 8: Communications & Documentation Chapter 34: Special Operations & Ambulance Operations
Saturday 1 Nov 2025 08:00-12:00	Written Evaluation Scenario Practice	100 question online test Skill and Scenario Stations	
Saturday 8 Nov 2025 08:00-14:00	Final Evaluation	Final Practical Exam MUST ATTEND	

Course Expectations

Online Portion:

You are expected to read each chapter in the OEC 6th Edition, review the online modules as well as any videos and supplemental handouts and presentations provided by your instructor, and practice your knowledge with the learning exercises and discussions. At the end of each module, you will take the practice exam.

Each instructor-led skills session may be taught by a different instructor. Some will lead a discussion on the discussion board for their specific session. You are expected to respond to each discussion board topic within the skills session portion of the course. These exercises are meant to help you

apply your knowledge; they should take less than 15 minutes to complete. Your discussion response is due prior to the corresponding face-to-face class.

Practical Skills Sessions:

You are expected to attend every practical class. These classes are imperative to your success on the final exam and as an OEC Technician. These classes will contain a combination of skills demonstrations, skills practice, skills checks, and practice scenarios. Classes may also review important concepts related to the book and online module materials.

Final Exam:

The final exam is composed of a written exam and a practical exam. The written exam is 100 questions, and you must make an 80% to pass this portion of the exam. The questions for this exam are taken from the same bank as those used in the online practice exams. Both exam components will be proctored by the instructor team. The written test will be taken online in an in-person setting. You will need to have internet and computer access and will be given a code to access the test. The practical exam is divided between four skill checks and two scenarios. You must pass each of these six elements to pass the practical exam. Once you have passed OEC, you will receive a certificate of completion as well as an online OEC card and active patroller status. After that, you will be given additional on-hill instruction and training.