



Outdoor Emergency Care (OEC) Modified Challenge

Instruction Manual/Skills Checklist

This guide outlines the process for administering the Outdoor Emergency Care (OEC) Modified Challenge to EMTs and Paramedics who meet eligibility criteria, detailing the skills they must demonstrate to earn OEC Technician certification. The purpose of the OEC Modified Challenge is to assess the candidate's proficiency in OEC skills at a level consistent with Outdoor Emergency Care Technician standards.

Purpose and Scope of the OEC Modified Challenge

The OEC Modified Challenge is designed to ensure that EMTs and Paramedics are prepared to function as Outdoor Emergency Care Technicians within the unique outdoor environments encountered by National Ski Patrol (NSP) personnel. By completing this assessment, candidates will demonstrate their ability to deliver emergency medical care with competence and consistency in alignment with OEC standards.

General Requirements for Certification

To be certified as an OEC Technician, most candidates must successfully pass a written exam and pass a skills evaluation. In the OEC Modified Challenge, the candidates only need to demonstrate proficiency in a specified set of OEC skills through training and demonstration. These skills cover the core competencies necessary for providing emergency care in outdoor and wilderness settings.

Key Points for Certification for OEC Modified Challenge candidates:

- **Successful Skills Demonstration:** Candidates must demonstrate proficiency on all Critical Performance Indicators (CPIs) and at least 80% on the remaining skill items.
- **Reassessment Opportunities:** If a candidate does not adequately demonstrate proficiency for a skill on their first attempt, they may continue training and re-attempt the assessment as many times as necessary until they meet the successful skills demonstration outlined above.



- **Instructor Trainer (IT) Supervision:** Certain skills, identified with an asterisk (*), must be observed by an Instructor Trainer (IT), who is responsible for ensuring that all assessment requirements are met and that documentation is accurate.
- **Quality Assurance (QA):** Once skill check sheets are completed, a quality assurance review will be performed to validate the accuracy and completeness of the assessment.

Eligibility Criteria

Candidates for the OEC Modified Challenge must meet the following criteria:

1. Hold current certification as an EMT or Paramedic.
2. Provide proof of EMT or Paramedic state licensure.
3. Complete any preliminary assessments required by NSP prior to beginning the OEC Modified Challenge.
4. Before being certified they must show that they have a current Professional Level (BLS) CPR certification.

Assessment Overview

The OEC Modified Challenge involves the following steps:

1. **Initial Assessment:** Candidates will complete a skills assessment designed to evaluate their performance on key OEC skills. This is part of the training process for skills that candidates are not familiar with and need to review the OEC skills standard of training.
2. **Skill Demonstration:** Each skill is evaluated on its CPIs, which outline critical tasks necessary for proficient performance.
3. **Feedback and Remediation:** For skills that do not meet the required standard, candidates will receive feedback and are encouraged to continue training. They will have additional opportunities to attempt the assessment until proficiency is demonstrated.
4. **Final Approval:** Once all required skills are successfully completed, and QA checks are finalized, the candidate will be awarded OEC Technician status.



Step-by-Step Guide for Administering the OEC Modified Challenge

1. Preparation Phase

- Ensure the candidate meets all eligibility requirements.
- Provide the candidate with the OEC Modified Challenge skills list, detailing which skills are required and those that will be observed by an IT.
- Schedule an IT for skills marked with an asterisk to ensure compliance with supervision requirements.

2. Conducting the Assessment

- For each skill:
 - Provide a brief overview of the expectations and CPIs associated with that skill.
 - Observe and assess the candidate as they perform each skill.
 - Document the candidate's performance on the skill check sheet.
- Ensure the candidate meets the minimum passing criteria:
 - A passing score on all CPIs.
 - At least 80% accuracy on all remaining skill items.

3. Scoring and Feedback

- Document the candidate's performance on each skill, noting any areas that require improvement. The successful skills demonstration must be documented and met to move beyond the training and completion phase of the skill.
- Provide immediate feedback for skills that do not meet all demonstration criteria, offering guidance on areas for further practice.

4. Remediation and Reassessment

- Allow candidates additional attempts on skills they did not initially demonstrate successfully.
- Track progress and reassess skills as needed until the candidate achieves the required standard.

5. Final Review and Quality Assurance

- Review all skill check sheets for accuracy and completeness.
- Conduct a final quality assurance review to ensure scoring consistency and adherence to OEC standards.

6. Certification

- Once all requirements are met and QA is completed, notify the candidate of their successful completion. CPR certification must be reviewed before final updating of OEC technician.



- Update NSP records to reflect the candidate's new status as an OEC Technician.

Key Responsibilities of Instructor Trainers (ITs)

Instructor Trainers play a critical role in the OEC Modified Challenge. They are responsible for:

- Observing and evaluating instructor scoring skills marked with an asterisk (*).
- Ensuring that all critical tasks are performed to standard.
- Reviewing scoring for accuracy and performing QA on skill check sheets.

Skill Check Sheets and Documentation

All skill check sheets must be completed, signed by the IT, and submitted for QA. Accurate documentation is essential to verify that all skills were assessed and meet the OEC standards.

Conclusion

The OEC Modified Challenge is an effective pathway for EMTs and Paramedics to achieve OEC Technician certification, expanding their capabilities to deliver emergency care in outdoor and wilderness settings. By adhering to these guidelines, assessors can ensure that each candidate demonstrates the skills and proficiency required for OEC Technician certification.



Outdoor Emergency Care Modified Challenge Skills Requirement		
Name:		
Skill	Date	Instructor
3-1: Removing Contaminated Gloves		
5-2: Performing the Power Lift		
5-3: Performing the Extremity Lift		
5-5: Performing the BEAN/Bridge Lift		
5-7: Logrolling a Supine Patient onto a Backboard		
7-1: Performing a Patient Assessment*		
7-2: Assessing Pupils		
7-3: Assessing Eye Movement		
7-4: Assessing Pulse		
7-5: Assessing Respiratory Rate		
7-6: Obtaining a Blood Pressure Reading		
9-1: Performing the Finger Sweep		
9-2: Suctioning a Patient's Airway		
9-3: Inserting a Nasopharyngeal Airway		
9-4: Inserting an Oropharyngeal Airway		
9-5: Placing an Oxygen Cylinder into Service		
13-1: Auscultation of Lung Sounds (8 Locations)		
13-2: Assisting a Patient with a Metered-Dose Inhaler		
14-1: Administration with an Auto-Injector (EpiPen)		
15-1: Administering Nitroglycerin		
19-1: Controlling Bleeding*		
19-2: Applying a Tourniquet		
19-4: Using an Occlusive Dressing		
19-5: Using a Triangular Bandage Bandana Wrap		
19-6: Bandaging a Finger		
19-7: Treating Closed Soft-Tissue Injuries		
19-8: Stabilizing an Impaled Object		
19-9: Caring for Burns		
20-1: Applying a Sling and Swathe		
20-2: Applying a Blanket Roll Splint to a Shoulder*		
20-3: Splinting a Humerus Fracture		
20-4: Applying a Rigid Splint to an Injured Elbow		
20-5: Splinting a Forearm Fracture		
20-6: Splinting to Immobilize the Hand		
20-7: Applying a Traction Splint to a Femur*		
20-8: Applying an Airplane Splint		
20-9: Applying a Quick Splint		



Skill	Date	Instructor
20-10: Replacing a Quick Splint with a Rigid Splint		
20-12: Removing a Boot*		
21-1: Performing Neutral Head Alignment		
21-2: Sizing and Applying a Cervical Collar*		
21-3: Performing the Axial Drag		
21-4: Securing the Patient onto a Long Backboard*		
21-6: Removing a Helmet from a Patient*		
22-1: Stabilizing an Impaled Object in the Eye		
24-1: Stabilizing the Pelvis*		

Note: IT please initial the boxes with an * if you agree with the evaluation provided by the instructor.