

Week 1 – Tue Apr 28
Cycle 3: Wildland Fundamentals

References

NWCG PPE Standards
RVFRSO Wildland SOGs
LCES doctrine
ICS-100/200 Wildland components

Training Objectives

- Perform a complete wildland PPE inspection and identify safety deficiencies.
- Describe LCES and correctly apply each component to common wildland settings.
- Explain the major ICS differences in wildland operations (Divisions, Groups, ST/TF).

Lesson Outline (1800–2100)

1800–1820 – Safety & Orientation

Overview of wildland hazards, hydration, heat illness, footwear, slope awareness.

1820–1855 – PPE Review & Inspection

Components, serviceability checks, common damage points, compliance review.

1855–1925 – LCES Review

Lookout selection, comms expectations, escape route criteria, safety zone sizing.

1925–2045 – ICS Differences & Scenarios

Wildland org chart walk-through; Divisions/Groups; ST/TF structure; simple IA scenarios.

2045–2100 – Debrief & Documentation

PPE deficiencies logged; readiness reviewed.

Evaluation

PPE checklist accuracy; LCES application.

Safety / Logistics

Hydration; footing; no live fire.

Week 2 – Tue May 05
Cycle 3: Wildland Fundamentals

References

NWCG Fire Shelter Guide
2025 Entrapment Case Reviews
RT-130 Shelter Curriculum

Training Objectives

- Demonstrate proper fire shelter deployment under timed conditions.
- Identify entrapment indicators and apply risk-reduction strategies.
- Select and communicate deployment sites based on terrain/fuels.

Lesson Outline (1800–2100)

1800–1820 – Safety & Background

Shelter limitations; heat survival realities.

1820–1850 – Case Study Review

Review 2025 incidents; indicators and decision points.

1850–1930 – Deployment Skills

Inspection, staging, movement, timed reps.

1930–2045 – Movement Drills & Site Selection

Crew-based location justification and critique.

2045–2100 – Debrief

Performance review and key takeaways.

Evaluation

Timed deployment; site selection reasoning; body position quality.

Safety / Logistics

No live flame; clear ground; spacing between members.

Week 3 – Tue May 12
Cycle 3: Wildland Fundamentals

References

JC EMS Standing Orders: Environmental Emergencies
NWCG Heat Stress Prevention Guidance
Rehab Sector Guidelines

Training Objectives

- Identify signs/symptoms of heat exhaustion, heat stroke, dehydration, and rhabdo.
- Apply field treatment and fluid management per EMS SOs.
- Establish and operate a functional rehab area during wildland operations.

Lesson Outline (1800–2100)

1800–1830 – Classroom: Heat Pathophysiology

Risk factors, presentations, assessment cues, high-risk scenarios.

1830–1900 – Treatment Review

Cooling techniques, IV/PO fluids, field management priorities.

1900–2030 – Rehab Sector Practical

Setup, patient flow, documentation, monitoring, integration with operations.

2030–2100 – Scenarios & Debrief

Heat illness simulations; care priorities; communication with Division/IC.

Evaluation

Assessment quality; treatment accuracy; effective rehab configuration.

Safety / Logistics

Emphasize hydration and rest cycles; monitor environmental heat load.

Week 4 – Tue May 19
Cycle 3: Wildland Fundamentals

References

NWCG Handbook 3
RVFRSO Tool/Saw SOGs
Progressive Hose Lay Standards

Training Objectives

- Identify and safely use common wildland hand tools.
- Construct effective handline appropriate to fuels and slope.
- Deploy and operate progressive hose lays in support of fire attack.

Lesson Outline (1800–2100)

1800–1820 – Safety Review

Tool spacing, swing zones, footing hazards, fatigue management.

1820–1850 – Tool Identification & Inspection

McLeod, Pulaski, shovel, combi-tool; proper sharpening and carry techniques.

1850–1930 – Handline Construction

Cutting technique, depth/width, anchor points, topographic considerations.

1930–2045 – Progressive Hose Lay Practical

Clamps, wyes, nozzles, pump considerations, advancing hose on slope.

2045–2100 – Debrief

Highlights, corrections, readiness for tender operations.

Evaluation

Tool handling safety; handline quality; hose lay deployment effectiveness.

Safety / Logistics

Strict tool discipline; hydrate frequently; avoid overhead hazards.

Week 5 – Tue May 26
Cycle 3: Wildland Fundamentals

References

NWCG Engine & Tender Operations
RVFRSO Water Supply SOGs
Portable Tank Setup Guidelines

Training Objectives

- Describe tender operations, water shuttle cycles, and communication roles.
- Set up and manage portable dump tanks and traffic flow.
- Coordinate tender, engine, and fill site operations safely.

Lesson Outline (1800–2100)

1800–1820 – Safety & Overview

Apparatus traffic patterns; backing hazards; hand signals.

1820–1850 – Tender Orientation

Tank capacities, dump mechanisms, fill procedures, drafting considerations.

1850–1930 – Dump Site Setup

Tank placement, hose routing, overflow handling, crew assignments.

1930–2045 – Shuttle Operation Drills

Timed rotations, coordination with engines, communication expectations.

2045–2100 – Debrief

Cycle timing review; efficiency opportunities.

Evaluation

Dump site layout quality; coordination during shuttle rotations.

Safety / Logistics

High-visibility vests; controlled apparatus movement; spotters required.

Week 6 – Tue Jun 02
Cycle 3: Wildland Fundamentals

References

JC EMS Standing Orders: Allergic Reaction/Anaphylaxis, Trauma
Wilderness EMS Considerations

Training Objectives

- Recognize anaphylaxis in remote environments and initiate rapid treatment.
- Modify trauma assessment and care for delayed transport conditions.
- Integrate EMS operations into ongoing wildland suppression activities.

Lesson Outline (1800–2100)

1800–1830 – Classroom Review

Presentation patterns, airway threats, decision-making for epinephrine.

1830–1900 – Trauma in Wildland Settings

Bleeding control, splinting, environmental challenges.

1900–2030 – Scenario-Based Care

Bee sting anaphylaxis, fall injuries, saw-related trauma simulations.

2030–2100 – Debrief

Key treatment priorities; communication with Division/IC.

Evaluation

Proper epi administration; trauma care accuracy; scenario communication.

Safety / Logistics

Monitor footing; avoid real allergens; ensure tool staging is safe.

Week 7 – Tue Jun 09
Cycle 3: Wildland Fundamentals

References

NWCG Structure Protection Guide
RVFRSO Structure Triage & Prep Procedures

Training Objectives

- Perform structure triage and categorize threats and saveability.
- Complete full and partial prep according to hazard level.
- Stage hose, tools, and water supplies to support structure defense.

Lesson Outline (1800–2100)

1800–1820 – Safety & Triage Basics

Hazards, utilities, ember cast, topography.

1820–1850 – Structure Triage

Green/Yellow/Red system; access; defensible space assessments.

1850–1930 – Full & Partial Prep Procedures

Clearing vegetation, covering vents, ladder placement, tool staging.

1930–2045 – Hose & Water Prep

Mobile attack considerations; hose lines for defense; anchor points.

2045–2100 – Debrief

Review decision-making rationale and prep quality.

Evaluation

Correct triage designation; effectiveness of prep steps.

Safety / Logistics

Avoid roof operations; maintain lookout/watchouts; vehicle placement safety.

Week 8 – Tue Jun 16
Cycle 3: Wildland Fundamentals

References

NWCG Handbook 3
RVFRSO Wildland SOGs
Progressive Hose Lay and Structure Prep Standards

Training Objectives

- Reinforce key skills from Weeks 1–7 (PPE, LCES, shelters, tools, handlines, hose lays, structure prep).
- Verify ICS assignments, communications plan, and drill-day expectations.
- Demonstrate operational readiness through short integrated evolutions.

Lesson Outline (1800–2100)

1800–1830 – Drill Overview & ICS Roles

Review assignments, comms plan, safety zones, lookout structure, Division/Group layout.

1830–1930 – Skill Refresher Rotations

PPE checks, LCES setup, fire shelter deployment, tool handling, handline construction, progressive hose lays, structure protection prep.

1930–2045 – Integrated Mini-Scenarios

Short scenarios combining suppression tasks, hose movement, structure triage, and EMS considerations.

2045–2100 – Debrief & Final Readiness Confirmation

Review strengths and gaps; confirm equipment status; validate rollcall for Saturday.

Evaluation

Instructor readiness marking based on skill performance and communication.

Safety / Logistics

Low-intensity training; hydration emphasized; ensure tools and hose are staged safely.

Week 9 – Sat Jun 20

Cycle 3: Wildland Fundamentals – Regional Drill

References

RT-130 elements

NWCG Engine & Structure Protection Guidelines

Regional ICS Standards

Training Objectives

- Operate within full ICS structure during wildland suppression scenarios.
- Perform line construction, hose deployment, structure prep/defense, and water movement tasks.
- Integrate EMS functions (heat emergencies, trauma, rehab) into live scenarios as needed.

Drill Outline (0900–1300)

0900–0915 – Briefing

ICS org chart, assignments, comms plan, weather forecast, LCES review.

0915–1030 – Rotational Stations

Line construction; progressive hose lays and water supply; structure triage and prep; tool handling and pump operations; EMS (heat illness, trauma, rehab integration).

1030–1230 – Full-Scale Evolutions

Multi-company suppression scenarios using Divisions/Groups, coordinated hose movement, structure protection tactics, lookout integration, and real-time comms.

1230–1300 – Hotwash

Performance review, communications, safety adherence, and opportunities for improvement.

Evaluation

ICS role execution; communication accuracy; suppression effectiveness; structure prep quality; safety compliance.

Safety / Logistics

Rehab established early; monitor heat/hydration; lookout assignments maintained; apparatus movement controlled; instructors track environmental hazards.