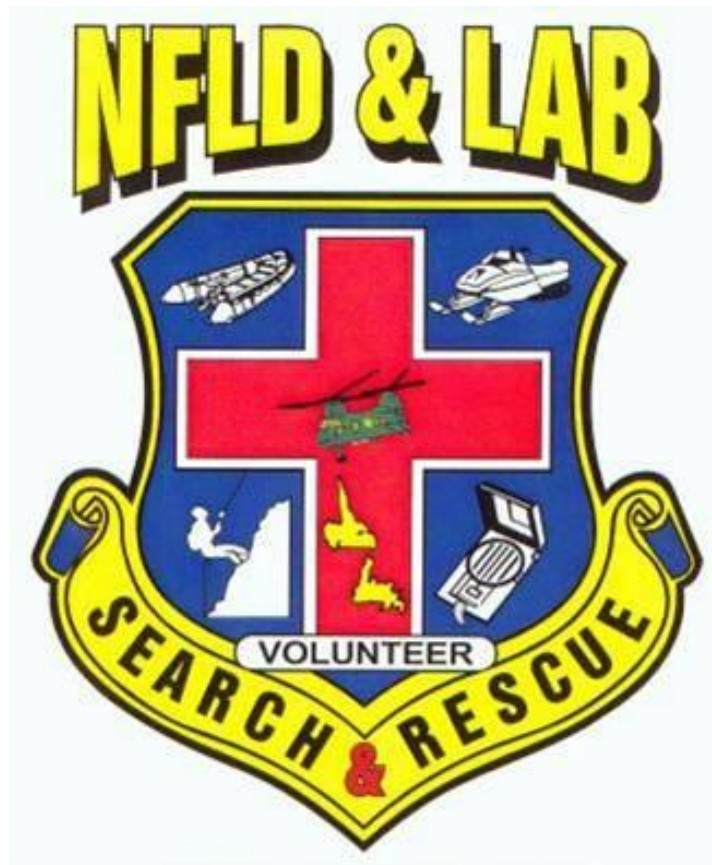


NEWFOUNDLAND AND LABRADOR SEARCH AND RESCUE ASSOCIATION



SEARCHER III LESSON PLANS

SEARCHER III

LESSON PLANS

GENERAL

This classification shall apply to all members of a search team who have successfully completed Searcher I and Searcher II, and who desire to upgrade their skill level to that of an advanced searcher. Successful candidates will gain advanced responsibilities in leadership and will be trained in specialty search and rescue techniques. Successful candidates may be called upon by their team, by other teams or other cooperating agencies to assist in search and rescue activities based on their areas of specialty.

Certification will be based on the successful completion of a minimum of eight (8) of the following specialized training courses.

1. WILDERNESS FIRST AID
2. TRACK AWARE/TRACKING I
3. EVIDENCE SEARCH
4. HIGH ANGLE RESCUE
 - RIG RESCUE AND RAPPEL LEVEL I
 - RIG RESCUE AND RAPPEL LEVEL II
 - RIG RESCUE AND RAPPEL LEVEL III
 - HIGH ANGLE RESCUE TRAINER
5. CONFINED SPACE RESCUE
6. URBAN SAR
7. BOAT PRO
8. RIVER RESCUE LEVEL I
9. RIVER RESCUE LEVEL II
10. AIR SPOTTER
11. ICE WATER RESCUE
12. TRAFFIC CONTROL AND FLAGGING
13. TOURATECH QV MAPPING SOFTWARE
14. TC OBS PLEASURE CRAFT COURTESY CHECKS
15. CANADIAN COAST GUARD SMALL CRAFT TRAINING

INSTRUCTOR'S NOTES	NEWFOUNDLAND AND LABRADOR SEARCH AND RESCUE ASSOCIATION
<p>MODULE 1</p> <p>Skill</p> <p>Prerequisites</p> <p>Duration</p> <p>Methodology</p> <p>Resources/ Materials</p> <p>Objectives</p>	<p>WILDERNESS FIRST AID</p> <p>Certification in Wilderness First Aid</p> <ol style="list-style-type: none"> 1. Completion of Searcher I and Searcher II. 2. Valid St. John Ambulance or Canadian Red Cross Standard First Aid and CPR Certificate. <p>20 - 40 Hours</p> <p>This module must be taught by a certified St. John Ambulance or Canadian Red Cross Wilderness First Aid Instructor.</p> <ol style="list-style-type: none"> 1. St. John Ambulance or Canadian Red Cross training course materials. 2. Basic outdoor survival clothing and equipment. 3. Remote training area. <p>All objectives of the St. John Ambulance or the Canadian Red Cross Wilderness First Aid program.</p>
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INSTRUCTOR'S NOTES	NEWFOUNDLAND AND LABRADOR SEARCH AND RESCUE ASSOCIATION
MODULE 2	TRACK AWARE/TRACKING 1
Skill	Demonstrate tracking skills which aid in the location of lost subjects.
Prerequisites	Completion of Searcher I and Searcher II.
Duration	20 Hours including a 4 Hour Night Exercise
Methodology	This module must be taught by a certified ERI Canada Tracking Instructor.
Resources/ Materials	<ol style="list-style-type: none"> 1. ERI Canada Tracking Manual 2. Tracking – A Blueprint for Learning How.
Objectives	<ol style="list-style-type: none"> 1. Tracking in perspective 2. Why track 3. History of tracking 4. When and where to use tracking 5. Definitions and terminology 6. What does it take to track 7. Equipment for tracking 8. Use of light 9. Sign cutting stick and the step-by-step method 10. Labeling tracks 11. Dealing with facts 12. Tracking team 13. Detecting sign 14. Classification of prints 15. Signcutting 16. Track aging 17. Handling evidence 18. Strategy 19. Tracking the evader
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INSTRUCTOR'S NOTES	NEWFOUNDLAND AND LABRADOR SEARCH AND RESCUE ASSOCIATION
MODULE 3	EVIDENCE SEARCH
Skill	Assist policing agencies by utilizing proper evidence search skills and techniques.
Prerequisites	Completion of Searcher I and Searcher II.
Duration	3 Hours plus a Practical Evidence Search Field Exercise
Methodology	This module must be taught by a member of the RCMP or the RNC.
Resources/ Materials	<ol style="list-style-type: none"> 1. Evidence Search Training Presentation. 2. Additional resources and materials to be supplied by the course provider.
Objectives	<ol style="list-style-type: none"> 1. Responsibility and jurisdiction for evidence searches. 2. Searcher requirements. 3. Define physical evidence. 4. Conducting searches. 5. Team Leaders. 6. Searcher responsibilities. 7. Searcher registration. 8. When evidence is found. 9. How an area should be searched. 10. The search site. 11. Grid searches. 12. Search teams. 13. Required equipment.
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INSTRUCTOR'S NOTES	NEWFOUNDLAND AND LABRADOR SEARCH AND RESCUE ASSOCIATION
MODULE 4a	HIGH ANGLE RESCUE RIG RESCUE AND RAPPEL LEVEL I
Skill	Certification in Rig Rescue and Rappel Level I
Prerequisites	Completion of Searcher I and Searcher II.
Duration	2 Days
Methodology	This module must be taught by a Certified High Angle Rescue Trainer.
Resources/ Materials	Resources and materials to be supplied by the course provider.
Objectives	<p><u>Day 1:</u></p> <ol style="list-style-type: none"> 1. Explanation of equipment use and strengths. 2. Anchor selection and construction 3. Team safety 4. Edge safety 5. Belay techniques 6. Rappel techniques <p><u>Day 2:</u></p> <ol style="list-style-type: none"> 1. Advanced anchoring techniques 2. Tying off a belay in tandem and solo 3. Tying off a rappel device 4. Mock situation tests 5. Introduction to haul systems
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INSTRUCTOR'S NOTES	NEWFOUNDLAND AND LABRADOR SEARCH AND RESCUE ASSOCIATION
MODULE 4b	HIGH ANGLE RESCUE RIG RESCUE AND RAPPEL LEVEL II
Skill	Certification in Rig Rescue and Rappel Level II
Prerequisites	Completion of Searcher I and Searcher II. Completion of Rig Rescue and Rappel Level I.
Duration	2 Days
Methodology	This module must be taught by a Certified High Angle Rescue Trainer.
Resources/ Materials	Resources and materials to be supplied by the course provider.
Objectives	<p><u>Day 1:</u></p> <ol style="list-style-type: none"> 1. Review of Level I techniques 2. Rope ascending techniques 3. Haul Systems <p><u>Day 2:</u></p> <ol style="list-style-type: none"> 1. Rescuer positioning 2. "Pick off" Rescues 3. Mock situation test 4. Introduction to basket work
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INSTRUCTOR'S NOTES	NEWFOUNDLAND AND LABRADOR SEARCH AND RESCUE ASSOCIATION
MODULE 4c	HIGH ANGLE RESCUE RIG RESCUE AND RAPPEL LEVEL III
Skill	Certification in Rig Rescue and Rappel Level III
Prerequisites	Completion of Searcher I and Searcher II. Completion of Rig Rescue and Rappel Level I. Completion of Rig Rescue and Rappel Level II.
Duration	2 Days
Methodology	This module must be taught by a Certified High Angle Rescue Trainer.
Resources/ Materials	Resources and materials to be supplied by the course provider.
Objectives	<u>Day 1:</u> 1. Review of Level II skills 2. Packaging in various rescue baskets 3. Lowering and hauling baskets 4. Barrow Boy positioning <u>Day 2:</u> 1. Mock Situations 2. Tyrolean Traverse
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INSTRUCTOR'S NOTES	NEWFOUNDLAND AND LABRADOR SEARCH AND RESCUE ASSOCIATION
MODULE 4d	HIGH ANGLE RESCUE HIGH ANGLE RESCUE TRAINER
Skill	Certification as a High Angle Rescue Trainer. A biannual two day requalification is necessary to maintain this certification. Demonstrate an ability to safely train others with a focus on risk management.
Prerequisites	Completion of Searcher I and Searcher II.
Duration	5 Days
Methodology	This module must be taught by a Certified High Angle Rescue Train the Trainer.
Resources/ Materials	Resources and materials to be supplied by the course provider.
Objectives	<p><u>Day 1:</u></p> <ol style="list-style-type: none"> 1. Explanation of equipment use and strengths. 2. Anchor selection and construction 3. Team safety 4. Edge safety 5. Belay techniques 6. Rappel techniques <p><u>Day 2:</u></p> <ol style="list-style-type: none"> 1. Tying off a belay in tandem and solo 2. Tying off a rappel device 3. Rope ascending techniques 4. Rescuer positioning
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Day 3:

1. Haul Systems
2. "Pick off" rescues
3. Introduction to basket work

Day 4:

1. Packaging in various rescue baskets
2. Lowering and hauling baskets
3. Barrow Boy positioning
4. Tyrolean Traverse

Day 5:

1. Written exam
2. Practical exam

INSTRUCTOR'S NOTES	NEWFOUNDLAND AND LABRADOR SEARCH AND RESCUE ASSOCIATION
MODULE 5	CONFINED SPACE RESCUE
Skill	Certification in Confined Space Rescue.
Prerequisites	Completion of Searcher I and Searcher II.
Duration	4 Days
Methodology	This module must be taught by a Certified Confined Space Rescue Trainer.
Resources/ Materials	Resources and materials to be supplied by the course provider.
Objectives	<p><u>Day 1:</u></p> <ol style="list-style-type: none"> 1. Explanation of equipment use and strengths. 2. Anchor selection and construction 3. Team safety 4. Edge safety 5. Belay techniques 6. Rappel techniques <p><u>Day 2:</u></p> <ol style="list-style-type: none"> 1. Advanced anchoring techniques 2. Tying off a belay in tandem and solo 3. Tying off a rappel device 4. Mock situation tests 5. Rope ascending techniques <p><u>Day 3:</u></p> <ol style="list-style-type: none"> 1. Haul Systems 2. Rope system redirection 3. Rescuer positioning <p><u>Day 4:</u></p> <ol style="list-style-type: none"> 1. Confined space victim packaging 2. Mock situation test
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INSTRUCTOR'S NOTES	NEWFOUNDLAND AND LABRADOR SEARCH AND RESCUE ASSOCIATION
MODULE 6	URBAN SEARCH AND RESCUE
Skill	Manage urban search and rescue operations using the Incident Command System.
Prerequisites	Completion of Searcher I and Searcher II.
Duration	3 Days
Methodology	This module must be taught by a certified ERI Canada Urban SAR Instructor.
Resources/ Materials	<ol style="list-style-type: none"> 1. Managing the Urban Search Function 2. Urban Search Management for the Initial Response Incident Commander.
Objectives	<p><u>Part I: Managing Urban/Disaster Search Operations</u></p> <ol style="list-style-type: none"> 1. Strategy and tactics used to find missing people in urban areas as well as disaster environments <p><u>Part II: Managing Urban/Disaster Rescue Operations</u></p> <ol style="list-style-type: none"> 1. Tactics and resources used to rescue and recover people in urban areas as well as disaster environments.
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INSTRUCTOR'S NOTES	NEWFOUNDLAND AND LABRADOR SEARCH AND RESCUE ASSOCIATION
MODULE 7	BOAT PRO
Skill	Certification in Pleasure Craft Operator Competency.
Prerequisites	Completion of Searcher I and Searcher II.
Duration	1 Day
Methodology	This module must be taught by a CPS approved Boat Pro Trainer.
Resources/ Materials	<ol style="list-style-type: none"> 1. The Boat Pro Manual 2. Boat Pro Training Presentation 3. Safe Boating Guide 4. Boating Safety Pamphlets and Handouts
Objectives	<ol style="list-style-type: none"> 1. Know your boat 2. Equipping your boat 3. Safety Awareness 4. Marine rules of the road- Collision Regulations 5. Canadian aids to navigation 6. Trailering/transporting 7. Getting under way 8. Anchoring 9. Docking 10. Locks 11. Water-related activities 12. Preventive maintenance 13. Be weather wise 14. Trip planning
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INSTRUCTOR'S NOTES	NEWFOUNDLAND AND LABRADOR SEARCH AND RESCUE ASSOCIATION
MODULE 8	RIVER RESCUE LEVEL I
Skill	Utilize skills and emergency procedures for white water and shore-based water rescues.
Prerequisites	Completion of Searcher I and Searcher II.
Duration	2 Days
Methodology	This module must be taught by a nationally recognized River Rescue course provider.
Resources/ Materials	Resources and materials to be supplied by the course provider.
Objectives	<ol style="list-style-type: none"> 1. Water safety 2. Canoe and kayak evaluation 3. Paddling techniques 4. Self-rescue 5. Righting overturned boats 6. Use of throw bags 7. Safety lines and knots 8. Tow lines 9. Extricating stranded paddlers 10. Dealing with rapids, low level dams and other river hazards.
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INSTRUCTOR'S NOTES	NEWFOUNDLAND AND LABRADOR SEARCH AND RESCUE ASSOCIATION
<p>MODULE 9</p> <p>Skill</p> <p>Prerequisites</p> <p>Duration</p> <p>Methodology</p> <p>Resources/ Materials</p> <p>Objectives</p>	<p>RIVER RESCUE LEVEL II</p> <p>Utilize enhanced technical and practical skills and emergency procedures for white water and shore-based water rescues.</p> <p>Completion of Searcher I and Searcher II. Completion of River Rescue Level I.</p> <p>2 Days</p> <p>This module must be taught by a nationally recognized River Rescue course Provider</p> <p>Resources and materials to be supplied by the course provider.</p> <ol style="list-style-type: none"> 1. Advanced Paddling techniques 2. Advanced self-rescue techniques 3. Righting overturned boats 4. Use of throw bags 5. Safety lines and knots 6. Tow lines 7. Freeing pinned boats 8. Rescuing trapped swimmers 9. Extricating stranded paddlers mid-current 10. Dealing with rapids, low level dams and other river hazards
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INSTRUCTOR'S NOTES	NEWFOUNDLAND AND LABRADOR SEARCH AND RESCUE ASSOCIATION
MODULE 10	AIR SPOTTER
Skill	Certification as a CASARA Air Spotter
Prerequisites	Completion of Searcher I and Searcher II.
Duration	1 Day plus 1 Training Flight
Methodology	This module must be taught by a certified CASARA Air Spotter Instructor.
Resources/ Materials	<ol style="list-style-type: none"> 1. CASARA Training Manual 2. CASARA Handbook 3. Standard Operating Procedures
Objectives	<ol style="list-style-type: none"> 1. Introduction to CASARA and the national SAR system 2. Introduction to RCC 3. Introduction to RASO and safety briefing 4. Alerting procedures 5. Visual searches 6. SARSAT – SOP's – CA's and Policy Manual 7. Search patterns, scanning and signs 8. Search height and visibility vs. speed 9. Spotting requirements 10. Safety procedures 11. Aircraft types 12. Clothing 13. Operation conditions 14. Mock situation tests
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INSTRUCTOR'S NOTES	NEWFOUNDLAND AND LABRADOR SEARCH AND RESCUE ASSOCIATION
MODULE 11	ICE WATER RESCUE
Skill	Utilize technical and practical skills and emergency procedures for ice water rescue operations.
Prerequisites	Completion of Searcher I and Searcher II.
Duration	2 Days including a 1 Day Practical Field Exercise
Methodology	This module must be taught by a certified Ice Water Rescue Trainer.
Resources/ Materials	<ol style="list-style-type: none"> 1. Ice Water Training Presentation Handout 2. Additional resources and materials to be supplied by the course provider.
Objectives	<ol style="list-style-type: none"> 1. Introduction and history of ice water rescue 2. Ice rescue process 3. Ice formation 4. Ice safety 5. Hypothermia 6. Team strategies & equipment 7. Ice rescue equipment 8. Underwater recovery 9. Self rescue 10. One rescuer - carabineer 11. One rescuer - ice rescue sling 12. One rescuer - ice rescue board 13. One rescuer - stokes litter 14. Inflatable boat rescue 15. Rescue with rescue poles
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INSTRUCTOR'S NOTES	NEWFOUNDLAND AND LABRADOR SEARCH AND RESCUE ASSOCIATION
MODULE 12	TRAFFIC CONTROL AND FLAGGING
Skill	Demonstrate an adequate knowledge of traffic control and flagging procedures. Meets the requirements of Section 106(02) of the Occupational Health and Safety Regulations
Prerequisites	Completion of Searcher I and Searcher II.
Duration	½ Day
Methodology	This module must be taught by an OH&S certified Traffic Control and Flagging Trainer.
Resources/ Materials	Resources and materials to be supplied by the course provider.
Objectives	<ol style="list-style-type: none"> 1. Introduction to traffic control 2. Hand signals 3. Proper procedures for maneuvering signs 4. Use of signals 5. Using appropriate distances for stopping traffic. 6. Safely directing traffic 7. Proper clothing and equipment 8. Interpersonal skills
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INSTRUCTOR'S NOTES	NEWFOUNDLAND AND LABRADOR SEARCH AND RESCUE ASSOCIATION
MODULE 13	TOURATECH QV MAPPING SOFTWARE
Skill	Demonstrate skill in using the Touratech QV mapping software.
Prerequisites	Completion of Searcher I and Searcher II.
Duration	1 Day
Methodology	This module must be taught by a NLSARA member trained in the usage of the Touratech QV software.
Resources/ Materials	<ol style="list-style-type: none"> 1. Touratech QV GPS Software Version 2.5 2. Touratech QV GPS Software Version 2.5 user manual
Objectives	<ol style="list-style-type: none"> 1. Software Installation 2. Understanding the QV window and displays 3. Working with maps and marks 4. Creating waypoints, routes and tracks 5. Creating drawings 6. Waypoint vectors 7. Data management 8. Searching for maps and data 9. Connecting to a GPS 10. Exporting and importing data 11. Printing maps with marks
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INSTRUCTOR'S NOTES	NEWFOUNDLAND AND LABRADOR SEARCH AND RESCUE ASSOCIATION
MODULE 14	TC OBS PLEASURE CRAFT COURTESY CHECKS (PCCC)
Skill	Provide Pleasure Craft Courtesy Checks to the general boating public on behalf of Transport Canada's Office of Boating Safety
Prerequisites	Completion of Searcher I and Searcher II.
Duration	3 Hours plus a Practical Exercise
Methodology	This module must be taught by a by a TC OBS Boating Safety Officer or a Certified NLSARA PCCC trainer.
Resources/ Materials	<ol style="list-style-type: none"> 1. Pleasure Craft Courtesy Check Manual 2. Pleasure Craft Courtesy Check Presentation 3. Safe Boating Guide 4. Pleasure Craft Courtesy Check Form Booklet 5. Boating Safety Pamphlets and Handouts
Objectives	<ol style="list-style-type: none"> 1. Define Pleasure Craft Courtesy Check 2. Using the PCCC Form 3. Conducting a PCCC 4. Vessel marking, plates and decals 5. Vessel registration and licensing 6. Engine power and load capacity 7. Operator competency requirements 8. Age-horsepower restrictions 9. Vessel carriage requirements
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INSTRUCTOR'S NOTES	NEWFOUNDLAND AND LABRADOR SEARCH AND RESCUE ASSOCIATION
MODULE 15	CANADIAN COAST GUARD SMALL VESSEL TRAINING
Skill	Certification in Canadian Coast Guard Small Craft Operation.
Prerequisites	Completion of Searcher I and Searcher II.
Duration	2 Days plus a Practical Field Exercise
Methodology	This module must be taught by a certified CCG Small Vessel Training Instructor.
Resources/ Materials	<ol style="list-style-type: none"> 1. CCG Small Craft Training Manual 2. CCG Small Craft Training Ancillaries
Objectives	<ol style="list-style-type: none"> 1. Personal safety 2. Vessel safety 3. Communications 4. Emergencies 5. Practical seamanship 6. Basic boat handling 7. Water and Weather 8. Navigation 9. Navigation safety 10. Vessel maintenance 11. Engine maintenance 12. Trailing
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