

Nordic Skills List By Course

#	Subject	Required Skills	Rationale	Candidates	Patrollers	Senior	Master
1	Navigation	Set declination on compass	Basic Navigation	MTR1	OTT;NSR		Proposed
2	Navigation	Orient a map using a compass	Basic Navigation	MTR1	OTT;NSR		Proposed
3	Navigation	Determine position using Resectioning	Basic Navigation	MTR1	OTT;NSR	Current	Proposed
4	Navigation	Follow a bearing by dead reckoning	Whiteout; SAR	MTR1	OTT;NSR	Current	Proposed
5	Navigation	Determine position on map using six-digit UTM coordinates	SAR	MTR1	OTT;NSR	Proposed	Proposed
6	Navigation	Determine position on map using L/L coordinates	Aircraft	MTR1	OTT;NSR	Proposed	
7	Navigation	Determine approximate position using Township and Range	USFS	MTR1	OTT;NSR	Proposed	
8	Navigation	Determine exact position using GPS UTM and L/L coordinates	Basic GPS	MTR1	OTT;NSR	Proposed	Proposed
9	Navigation	Manually enter a waypoint in a GPS receiver	Basic GPS	MTR1	OTT;NSR	Proposed	Proposed
10	Navigation	Use the GPS "Go To" function	SAR; whiteout	MTR1	OTT;NSR	Proposed	Proposed
11	Survival	Build a fire on snow and melt snow	Survival	MTR1	OTT;NSR	Current	Proposed
12	Survival	Construct an emergency (quick) snow shelter	Survival	MTR1	OTT;NSR	Current	Proposed
13	Repair	Repair a stripped binding screw	Assistance	ISP;MTR1;NS	OTT;NSR		
14	Repair	Repair a broken binding cable	Assistance	ISP;MTR1;NS	OTT;NSR		
15	Repair	Repair a broken ski pole	Assistance	ISP;MTR1;NS	OTT;NSR		
16	Knots	Tie a water knot	Harness	MTR1	OTT;NSR	Proposed	
17	Knots	Tie a clove hitch	Toboggan/Boo	MTR1	OTT;NSR	Proposed	
18	Knots	Tie a Trucker's hitch	Toboggan	MTR1	OTT;NSR	Proposed	
19	Knots	Tie a double fisherman's knot	Prusik	MTR1	OTT;NSR	Proposed	
20	Knots	Tie a Prusik hitch	Rope Rescue	MTR1	OTT;NSR	Proposed	
21	Knots	Tie a Munter hitch-mule combination	Rope Rescue (lower)	MTR1 – 2	OTT;NSR	Proposed	
22	Knots	Tie a figure-8 on a bight and follow thru	Toboggan/Rope Resc	MTR1	OTT;NSR	Proposed	
23	Knots	Tie a load-releasing hitch	Rope Rescue switches	MTR1 – 2	OTT;NSR	Proposed	
24	Knots	Tie a tent hitch (taut-line hitch)	Shelter	MTR1	OTT;NSR	Proposed	
25	OEC	Shelter a patient in place	Rescue	ISP; NS	OTT;NSR	Proposed	Proposed
26	OEC	Splint a mid-shaft femur fracture using ski poles	Rescue	OEC;ISP;NS	OTT;NSR		
27	OEC	Explain how to assess and treat hypothermia	Rescue	OEC	OTT;NSR		
28	OEC	Explain how to assess and treat frostbite	Rescue	OEC	OTT;NSR		

29	Toboggan	Construct an emergency toboggan	Rescue	MTR1; NS	OTT;NSR	Current	Proposed
30	Toboggan	Package a patient in an emergency toboggan	Rescue	MTR1; NS	OTT;NSR	Current	Proposed
31	Toboggan	Construct a webbing harness	Rescue/Rope Rescue	MTR1;ISP;NS	OTT;NSR	Proposed	
32	Toboggan	Team haul an emergency toboggan over rolling terrain	Rescue	MTR1;ISP;NS	OTT;NSR	Current	Proposed
33	Incid. Mgmt.	Demonstrate the various incident management roles	Rescue	ISP;NS	OTT;NSR	Proposed	
34	Helicopter	Explain helicopter safety protocols	Rescue	ISP;NS	OTT;NSR		
35	Helicopter	Explain the requirements for a helicopter landing zone	Rescue	ISP;NS	OTT;NSR		
36	Helicopter	Explain how to assist a helicopter landing	Rescue	ISP;NS	OTT;NSR		
37	SAR	Explain the SAR Incident Command System	SAR	MTR1;ISP;NS	OTT;NSR		
38	SAR	Explain how the SAR systems works in the local area	SAR	ISP;NS	OTT;NSR		
39	SAR	Explain the hasty search plan(s) for your patrol	SAR	ISP;NS	OTT;NSR		
40	Rope Rescue	Explain all parts of the patrol's rope rescue system (RRS)	Rescue	MTR2;NS	OTT;NSR	Proposed	
41	Rope Rescue	Demonstrate safe patient access using the patrol's RRS	Rescue	MTR2;NS	OTT;NSR	Proposed	Proposed
42	Rope Rescue	Demonstrate how to secure patient to RRS	Rescue	MTR2;NS	OTT;NSR	Proposed	Proposed
43	Rope Rescue	Demonstrate the patrol's Z-pulley raising system	Rescue	MTR2;NS	OTT;NSR	Proposed	Proposed
44	Rope Rescue	Demonstrate switch to lowering system	Rescue	MTR2;NS	OTT;NSR	Proposed	Proposed
45	Rope Rescue	Demonstrate the patrol's lowering system	Rescue	MTR2;NS	OTT;NSR	Proposed	
46	Rope Rescue	Demonstrate switch back to raising system	Rescue	MTR2;NS	OTT;NSR	Proposed	
47	Local	Demonstrate proper use of patrol radios	Patrol	ISP;NS	OTT;NSR		
48	Local	Demonstrate knowledge of patrol protocols	Patrol	ISP;NS	OTT;NSR		
49	Local	Demonstrate knowledge of patrol paperwork	Patrol	ISP;NS	OTT;NSR		
50	Local	Demonstrate skiing skills required for patrol participation	Patrol	ISP	OTT;NSR		
		Optional Skills					
51	Avalanche	Plan a route in avalanche terrain	Avalanche terrain	AVY1	OTT;NSR		Proposed
52	Avalanche	Dig a hasty pit and analyze findings	Avalanche terrain	AVY1	OTT;NSR		Proposed
53	Avalanche	Prepare and analyze a snow pit diagram	Avalanche terrain	AVY2	OTT;NSR		
54	Avalanche	Lead a “go – no go” discussion	Avalanche terrain	AVY1	OTT;NSR		Proposed
55	Avalanche	Quickly locate a buried transceiver in two feet of snow	Avalanche terrain	AVY1 – 2	OTT;NSR		Proposed
56	Avalanche	Quickly locate a buried transceiver in six feet of snow	Avalanche terrain	AVY1 – 2	OTT;NSR		Proposed
57	Avalanche	Quickly locate multiple buried transceivers at various depths	Avalanche terrain	AVY1 – 2	OTT;NSR		Proposed

58	Avalanche	Conduct an avalanche probe exercise	Avalanche terrain	AVY1 – 2	OTT;NSR	Proposed
59	Avalanche	Organize and lead a backcountry avalanche rescue exercise	Avalanche terrain	AVY2	OTT;NSR	Proposed
60	Rope Rescue	Identify all parts of an advanced (two-rope) rescue system	Steep Terrain	MTR2	OTT;NSR	
61	Rope Rescue	Operate all parts of a two-rope rescue system in raising mode	Steep Terrain	MTR2	OTT;NSR	
62	Rope Rescue	Lead the switch from raising to lowering mode	Steep Terrain	MTR2	OTT;NSR	
63	Rope Rescue	Operate all parts of a two-rope rescue system in lowering mode	Steep Terrain	MTR2	OTT;NSR	
64	Rope Rescue	Lead the switch from lowering to raising mode	Steep Terrain	MTR2	OTT;NSR	
65	Rope Rescue	Act as Safety Officer for a two-rope rescue scenario	Steep Terrain	MTR2	OTT;NSR	
66	Rope Rescue	Lead a two-rope rescue scenario	Steep Terrain	MTR2	OTT;NSR	
67	SAR	Lead a SAR strike team	SAR Commitments	MTR2	OTT;NSR	
68	SAR	Plan a SAR field exercise	SAR Commitments	Non-NSP	OTT;NSR	Proposed
69	SAR	Lead a SAR field exercise	SAR Commitments	Non-NSP	OTT;NSR	Proposed
70	SAR	Prepare a SAR after-action report	SAR Commitments	Non-NSP	OTT;NSR	

ISP = Introduction to Ski Patrol

NS = (Proposed) Nordic Skills Course (for candidates)

NSR = (Proposed) Nordic Skills Refresher Course (for patrollers)

OTT = annual On-the-Trail Refresher