



RTAM Generic Course Schedule (Nelson Example)

Time	Schedule
DAY 1	Monday
	Morning in meeting room
45min	0800-0845 Introduction
20 min	0845-0905 Avalanche Hazard in Canada and the Canadian Avalanche Industry
50min	0905-0955 Formation and Nature of Avalanches
15min	0955-1010 Break and equipment sign out
75min	1010-1125 Properties of the Mountain Snowpack <ul style="list-style-type: none">• Processes, crystals types, factors affecting variations
15min	1125-1140 Significance of Observations and Field books
	Afternoon at study plot (Whitewater)
3 hrs	1300-1600 Demonstration: Weather Observations (<i>participants take notes</i>) Demonstration: Snow Profile including Introduction to Fracture Character (<i>no notes</i>) <i>Demonstration: Rescue Beacon work (if possible)</i>
	Evening in meeting room
15min	1900-1915 Discussion of Weather Observations (<i>use the afternoon's observations.</i>)
15 min	1915-1930 Completion of Field Book (<i>Enter instructors Sunday profile observations</i>)
30 min	1930 - 2000 Companion Rescue Overview and Expectations (<i>classroom lesson</i>)

DAY 2	Tuesday	Morning in meeting room	* Bring a bag lunch today
20min	0800-0820	Quiz: <i>Mountain Snowpack</i>	
40min	0820-0900	Plotting Snow Profile Discuss Mountain Snowpack (<i>profile</i>)	
40min	0900-0940	Weather Terms and Weather Forecast / case history / products available Introduction to InfoEx and TechFX	
10min	0940-0950	Break	
15min	0950-1005	Hazard Analysis Framework	
45min	1005-1055	Introduction to AM Hazard and Risk Analysis Worksheet	
5min	1055-1100	Break	
60min	1100-1200	Avalanche Terrain <ul style="list-style-type: none"> • Important features, interaction with terrain and snowpack 	
30min	1200- 1230	Safety Measures and Survival Techniques	
10min	1140 - 1150	Break	
		<i>Afternoon at a Field StudyArea</i>	
60 min	1330-1430	Travel to Whitewater with stops on the way for: <ul style="list-style-type: none"> • Analysis of terrain and safe areas • Occurrence observations 	
2 hrs min	1430-1630	Field Weather Observations when you arrive (introduction) Transceiver/Companion Rescue Instruction and Practice <i>Attend weather observations at study plot before leaving</i>	
		<i>Late Afternoon in meeting room</i>	
30min	1700-1730	Introduction to PM Hazard and Risk Analysis Worksheet	
30min	1730-1800	Video: <i>Snow metamorphism and Ophirica</i>	

DAY 3	Wednesday	Morning in meeting room
20min	0800-0820	Quiz: <i>Formation and nature of avalanches</i>
30min	0820-0850	Weather observation - Weather Forecast - InfoEx
40min	0850-0930	Avalanche Occurrence Observations Avalanche classification, recording of avalanches
15min	0930-0945	Break
45min	0945-1030	Organized Rescue
10min	1030-1040	Break
60min	1040-1140	Operational Risk Reduction Practices and Avalanche Protection
20min	1140-1200	AM Hazard and Risk Analysis Worksheet
		Afternoon at Whitewater Ski Area
30min	1300-1330	Analysis of Terrain and Safe Areas/Avalanche Observations
90min	1330-1500	Avalanche Companion Rescue practice / some evaluations, if possible
60min	1500-1600	Simulated avalanche rescues
		<i>Attend weather observations at study plot (technical support)</i>
		Late Afternoon in Meeting Room
30min	1630-1700	PM Hazard and Risk Analysis Worksheet
15min	1700-1715	Review of Search and Rescue
30min	1715-1745	Written Rescue Problem (exam)

DAY 4 Thursday

15min 0700-0715 Weather Forecast, InfoEx, K-Pass Weather Observations

30min 0715-0745 AM Hazard and Risk Analysis

Field Trip – Kootenay Pass

0800-1600 Analysis of Terrain and Safe Areas (exam)

Test Profile and Stability Tests

Field weather observations (exam)

Companion Rescue (exam)

Late Afternoon Meeting Room

45min 1630-1715 Hazard and Risk Analysis Worksheet Problem (exam)

DAY 5 Friday *Morning in meeting room*

60 min 0800-0900 Terrain Analysis Exercise and
Terrain evaluation on photo (exam)

45 min 0900-0945 Risk Reduction Written Exercise

15min 0945-1000 Break

45min 1000-1045 **Questionnaire (exam)**

15min 1045-1100 Break

20 min 1100-1120 Situational Awareness and Human Factors

10 min 1120-1130 Case History / Interesting Projects

15min 1130-1145 Break

15min 1145-1200 Resources

15min 1200-1215 Conclusion