

AAI Level 2 Course Schedule

Day 1 – *Rescue, Documentation & Stability*

- 0830 Introductions, Goals for the course/schedule
0840 Review pre-test
0900 Rescue overview
0930 Head into the field
- weather and avalanche briefing
- range/function check
- organizing an avalanche rescue
- beacon practice – singles, doubles, and multi-beacon (shallow and deep)
- scenarios with debriefs
- study pit demonstration (SWAG 2.5)
1400 End of field session
1415 Meet at Classroom
1420 Season History
1445 Documentation – Profiles (SWAG 2.4 and 2.5)
1510 Documenting field obs – stability rose
1540 Avalanche Observations - documentation (SWAG 3.0)
1600 Weather Observations - documentation (SWAG 1.0)
1645 North American Forecast Centers - Significant Differences
1705 Stability – incorporating snow structure, energy, and strength into your analysis
1800 Done
Home *Case Study: ‘Companion rescue’*
work *Review Field Book pp. 6-15 and 78-87*

Day 2 - *Snowpack*

- 0730 Meet at Field Trail Head
- Weather and avalanche briefing
- Test + pits – getting the info efficiently (SWAG 2.6 and 2.7)
- Study pit practice
1345 Return to classroom
1400 Review Companion Rescue Exercise
1415 Surface conditions: surface hoar – strength changes over time, crusts
1445 Faceting – ‘not following the rules’ and Near-Surface Faceting
1515 Rounding and melt-freeze metamorphism
1530 Wet snow and isothermal snowpacks
1600 Run Out Angles & Alpha Angles. (SWAG 3.6.11) Exercise: calculating runout angles from the map
1630 Planning for next day’s tour – forecast, route options, maps, etc..
1700 Done
Home
work *Plot snow profiles from the day*

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Day 3 – Terrain

- 0730 Meet at Field Trail Head
Weather and avalanche briefing
- 0800 Depart for field
- Ongoing snowpack & terrain analysis including cornice evaluation/negotiation
 - Group management – uphill and down-guiding
 - Stability analysis - forecasting based upon today's nowcast

1630 Done

Home work

Stability worksheet and Avalanche Character Checklist
Case Study: 'Routefinding in Avalanche Terrain'

Day 4 – Mountain Weather, Mechanics, and Decision Making

- 0800 Meet at Field Trail Head
- Wx and av briefing (including stability worksheet discussion)
 - Participant led route finding and snowpack evaluation
- 1230 Meet at Classroom
- 1300 Avalanche Character Checklist & Stability Worksheet completion in groups
- 1330 Review case study 'Routefinding in Avalanche Terrain'
- 1345 Case Study/Accident Review
- 1430 Mountain Weather - Orographic influences
- 1500 Slab mechanics – *A Question of Scale*
- 1520 Spatial Variability - changes over time and space
- 1545 Human Factor – *Traps, Escapes, and Observations*
- 1620 Test - review as a group
- 1650 Debrief
- 1730 Evals completed (handed out at beginning of course)
- 1800 Done

	Total Time (Travel Time)	Field / Class Time	Estimated Homework Time	Total Learning Time
Pre-Course	0 (0)	0 / 0	2.0	2.0
Day 1	10 (1)	4.5 / 4.5	1.5	10.5
Day 2	9.5 (1)	4.5 / 4	1.5	10
Day 3	9 (0)	9 / 0	1.5	10.5
Day 4	10 (1)	3.5 / 5.5	0.0	9
TOTAL	38.5 (3)	21.5 / 14	4.5	42
Ratio of Field to Class Time 60% / 40%				

AAI Level 2 Course Schedule

Level 2 Course Prerequisites

- 24 hour level 1 course that meets AAA guidelines
- Pit and transceiver skills practiced prior to the start of the course
- At least one season between Level 1 and Level 2 course

Required Course Equipment

Field notebook

SWAG

Beacon, Probe, Shovel, and snow saw

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