



Students are trained and evaluated in these skills:

- **Stability Evaluation**
(including snow pits, stability tests & field observation recording)
- **Manual Weather Observations** (study plot, digital data)
- **Companion Rescue Troubleshooting**
- **Terrain Assessment, Route Selection & Safe Travel Protocols**
- **Communication**
- **Avalanche Hazard Evaluation**
- **Risk Management**

BASIC AGENDA

DAY 1

- **Intros, Logistics, Objectives**
- **Avalanche Hazard & Risk, AM/PM Worksheets**
- **Companion Rescue Test**
- **Manual Weather Obs**
- **Snowpits**

0800: Meeting

Introductions, Logistics and Review of Objectives-

Brief Classroom Session Review: Avalanche Basics, Avalanche Hazard Evaluation, Field Notebooks & SWAG

Aprx 1½ Hr.

09:30: Companion Rescue

Timed recovery two transmitting victims (within 15 min., 120ft x 120ft area)

Trouble-shooting practice- deep burials and common rescue errors. (multiple burial, no-beacon victim, interference-electrical, bystanders)

Aprx 2 ½ -3hrs (lunch 45 min)

Lunch

1300: Meeting

Manual Weather Observations: Study Plot, Initial Instruction & Practice (45 min)

Snowpits: Initial Instruction & Practice

Site Selection, Data Pits (with temperatures), Stability Tests, Field Obs & Recording

Aprx 3 ½ hrs total

1630: End of Day Review

Review the day, review snowpit field books, briefing for next day

DAY 2

Bring Lunch

- **Off Piste Tour-Simple to Challenging Terrain**
- **Practice Snowpit & Fieldbook Skills**

DAY 2 (continued)

0800: Manual Weather Obs at study plot (if not accessible do later AM)

0830: Meeting

- **Go over AM Hazard & Risk worksheet**
Includes Avalanche Advisory/Forecast, Weather, Snotel & Pro Observations Data, Avalanche Hazard Evaluation, Goals
- Complete tour plan form and file with responsible party (snow safety/dispatch).
 - Ride lifts & tour off-piste, Instruction/coaching for these elements
 - Terrain & Route Finding, slope angles, features
 - Safe Travel Practices & Communication
 - Stability Evaluation (observations, quick tests, pits, site selection, interpretations/recording)

1530: Manual Weather Obs

1600: End of Day Review

Review the day, snowpits and field books, PM Hazard & Risk worksheet, plan next day

DAY 3

Bring Lunch

- **Coaching and practice for skills evaluation** (weather obs, snowpits & fieldbook, terrain assessment & communication)
- **Avalanche Operations with host ski area, half day** (Note-this may be scheduled any day as operations and weather dictate. We may briefly visit additional local avalanche programs)

0800: Manual Weather Obs at study plot (if not accessible do later AM)

0830: Meeting

- **Go over AM Hazard & Risk worksheet**
Includes Avalanche Advisory/Forecast, Weather, Snotel & Pro Observations Data, Avalanche Hazard Evaluation
The day's goals-practice skills and evaluation scenarios with students
- Complete tour plan form and file with responsible party (snow safety/dispatch/instructors)
- Review logistics for half-day with host ski area.
Host Ski Area: varies depending upon area's program and weather
 - Avalanche Office- forecasting, procedures, protocols
 - Avalanche Operations Plan
 - Avalanche routes- mock routes with route leaders, procedures & protocols
Includes communication, partner safety, group safety, shot points, ski cuts, specific avalanche problems
 - Explosives- procedures & protocols, ATF, cache safety & handling, avalaunchers/artillery,

1530: Manual Weather Obs

1600: End of Day Review

Review the day, snowpits, field books, PM Hazard & Risk worksheet, plan for last day

DAY 4

Bring Lunch

- Practice skills
- Student evaluation

08:00 Meeting

Manual Weather Obs-student evaluation

AM meeting & AM Hazard & Risk worksheet-student evaluation

Snowpit Skills & Fieldbook Documentation-practice

Lunch

1300: Meeting

Snowpits, Field Records & Terrain Assessment-student evaluation

PM meeting and PM Hazard & Risk worksheet-student evaluation

1600: Field Session Review & Wrap Up