



## Avalanche Operations Level 2 - Module 3

### Sample Schedule

*Note: Many days class will go through the late afternoon until 6-7 pm. Bring a change of clothes and snacks! This is a tentative schedule – be prepared for changes.*

#### Day 1 (Part Field Day)

##### *Classroom*

- 0800 Introduction, course objectives, evaluation process
- 0845 Risk management on field trips
- 0900 Waivers
- 0915 Break
- 0930 Snow stability/hazard evaluation process and terminology
- 1030 Winter conditions summary
- 1130 Storm and time profiles

##### *Field Work (1.5 hours to eat and get to profile site)*

- 1330 Full snow profile demonstration and weather observations review

##### *Classroom*

- 1630 Calculation and plotting of data
- 1730 Case history
- 1800 Preparation for tomorrow

#### Day 2 (Part Field Day)

##### *Classroom*

- 0800 Weather products and forecast lesson
- 0830 InfoEx lesson
- 0900 A.M. Operations meeting lesson – Instructor led small groups
- 0930 Break
- 1000 Small column tests – Craftsmanship, limitations, relevancy

##### *Field Work*

- 1100 Field Observations, travel and decision making in the terrain

### *Classroom*

- 1530 Students Plot Data and hand in plotted profiles for evaluation
- 1630 PM Operations Meeting and Information Exchange
- 1730 “Rules of Thumb” for Avalanche Forecasting
- 1830 Quick check in – preparations for tomorrow

### **Day 3 (Field Day in Rockies or Selkirks)**

- 0730 A.M. Operations meeting
- 0830 Field observations, travel and decision making in the terrain
- 1600 Students plot data
- 1630 P.M. Operations meeting and information exchange
- 1730 Mid-course debrief

### **Day 4 (Field Day in Rockies or Selkirks)**

- 0730 A.M. Operations meeting
- 0830 Field observations, travel and decision making in the terrain
- 1600 PM Operations Meeting & Information Exchange near field trip locations
- Evening Free

### **Day 5 (Classroom Day)**

- 0800 A.M. Operations Meeting
- 0900 Robert Frost problem – Terrain analysis and case study
- 1200 Lunch
- 1300 Robert Frost problem – Stability and hazard forecasting
- 1530 Break
- 1600 Operational risk management case history (Sundance)
- 1630 Contrast the different geo-climatic zones and snow pack structure
- 1700 Catch up on record keeping/data management

### **Day 6 (Part Field Day)**

- 0700 A.M. Operations Meeting Exam – Students individually complete and hand in the A.M. Hazard Form for marks

### *Fieldwork*

- 0930 Snow Profile Exam

### *Classroom*

- 1330 Written Exam Up date and plot all remaining data
- 1530 Turn in: Field Books, Time Profile, Plotted Profile from Profile Exam, Hazard Analysis Forms and all other records from the week organized into the portfolio.

### **Day 7 (Classroom)**

- 0900 Stability Problem Exam
- 1100 Options for avalanche control
- 1200 Lunch

- 1230 Organized Avalanche Rescue (optional)
- 1330 Student Written Evaluations
- 1400 Course Conclusion
- 1500 **Course Ends**

*Deliverables for Course*

1. Time Profile
2. Field Books
3. Plotted snow profiles
4. Am & PM Hazard Evaluations
5. Any project work