Introduction to Weather

Sample Schedule

Note: As with any tentative schedule, changes will be made as required to deliver the course.

DAY 1

Time	Instructor	Duration	Lesson
0800		30 min	Course Introduction: goals, introductions (instructors & students), expectations, waivers, and preparedness.
0830		30 min	Review of pre-course readings
0900		30 min	Avalanche-weather connection: how weather affects the snowpack and avalanche conditions
0930	**Break**	**15 min**	
0945		45 min	Introduction to basic meteorology: concepts and terminology
1030		60 min	Weather observations
1130		30 min	Cloud classification
1200	**Lunch**	**60 min**	
1300		30 min	Field weather observations
1330		60 min	Vertical temperature profile
1430		60 min	Understanding the GFA
1530	**Break**	**15 min**	
1545		30 min	Weather resources: using internet resources to find appropriate weather observations.
1645		15 min	Summary and discussion of tomorrows agenda

DAY 2

0800		15 min	Review day one and answer any outstanding questions
0815		60 min	Atmospheric circulations: global and synoptic scale
0915		30 min	Air masses and upper level flow patterns
0945		**15 min**	**Break**
1000		30 min	Upper level flow exercise/ case study
1030		30 min	Snow-avalanche climates of Western Canada
1100		60 min	Mountain-scale circulations
1200		**60 min**	**Lunch**
1300		60 min	Weather resources: using internet resources to determine global and synoptic scale circulation patterns

1400	**15 min**	**Break**
1415	30 min	Case Study - avalanche-weather connection
1445	60 min	Quiz
1545	60 min	Introduction of final project (forecaster funnel)
1445	15 min	Course conclusion