



AIARE 2 - DECISION MAKING IN AVALANCHE TERRAIN

Winter 2020-21

PRE-COURSE LEARNING (5-7HRS)

To get the most out of this course, we recommend completing all pre-course learning before the course.

- Complete all lessons and quizzes on [AIARE 2 Online](#) (4-5hrs)
- Review [AIARE Avalanche Rescue Online](#) (1-2hrs)
- Download the [AIARE 2 Student Manual](#) (password included in confirmation email)
- Download free [Zoom app](#) to computer or phone
- Download free [Avenza app](#) to phone
- Explore [Sawtooth Avalanche Center](#) website

COURSE AGENDA (26HRS)

Day 1: Identify sources of uncertainty related to the snowpack. (9hrs)

1.5 hours morning Zoom session with SMG instructor.

6 hours field instruction and rescue practice with an instructor.

1.5 hours self-paced evening learning.

Self-paced	Online	<p>Find local avalanche center on Avalanche.org</p> <p>Read Sawtooth Avalanche Center forecast for the area you are meeting your team</p> <p>Review season conditions on Sawtooth Avalanche Center Conditions Blog</p> <p>Review these AIARE 2 Online lessons:</p> <ul style="list-style-type: none">• Introduction• AIARE 1 Review<ul style="list-style-type: none">○ AIARE 1 Online Lessons (if needed for review)○ The AIARE Framework○ Teamwork○ Take the AIARE 1 Review Quiz• Uncertainty<ul style="list-style-type: none">○ Sources of Uncertainty○ Terrain Mindset• Uncertainty Source: People• Uncertainty Source: Conditions<ul style="list-style-type: none">○ Snowpack Review○ Snowpack Metamorphism○ Persistent Weak Layers
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- [Avalanche Problems](#)
- [Why Dig?](#)
- [Where to Dig?](#)
- [What info comes from digging?](#)
- [Uncertainty Source: Terrain](#)
 - [Planning to Reduce Uncertainty](#)
 - [Trip Option Catalogs](#)
 - [Avalanche problems and terrain](#)
 - [Building Margins](#)

0800-0930	Zoom	<p>Your instructor will send a Zoom link a few days prior to the course</p> <ul style="list-style-type: none"> ● Introductions ● Answer questions about online learning ● Review season conditions
0930-1030		Travel to trailhead (Galena Summit , Banner , Park Cr/Stanley Cr , Baker Creek)
1030-1600	Teams at TH	<p>Meet at assigned trailhead for full field day</p> <p>Hand out materials - AIARE Field Notebook, Rescue Card, pencil</p> <p>Gear check: Review equipment list - Due to extended hours outside consider including lots of layers, extra gloves, hand/toe warmers, extra snacks, thermos/warm beverage</p> <p>Field Session: Test snowpack profiles</p> <ul style="list-style-type: none"> ● Snowpack and weather observation techniques ● Toolbox approach to investigating snowpack layers ● Snowpack tests ● Ride Safely
1600-1630	Back at TH	<p>Instructor-led Debrief</p> <p>Plan logistics for tomorrow - trailhead, specific equipment, etc.</p>
	Evening	<p>Submit observations to Sawtooth Avalanche Center</p> <p>Document snow profiles in field notebook</p> <p>Review AIARE 1 Online lessons:</p> <ul style="list-style-type: none"> ● Uncertainty Source: People

Day 2: Identify sources of uncertainty related to terrain. (9hrs)

1.5 hours morning Zoom session with SMG instructor.

6 hours field instruction and rescue practice with instructor.

1.5 hours self-paced evening homework.

Self-paced	Online	<p>Read Sawtooth Avalanche Center forecast for area you are meeting your team today</p> <p>Review AIARE 2 Online Lessons:</p> <ul style="list-style-type: none"> ● Uncertainty Source: Terrain <ul style="list-style-type: none"> ○ Planning to Reduce Uncertainty ○ Trip Option Catalogs
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- [Avalanche problems and terrain](#)
- [Building Margins](#)

0800-0930 Zoom Instructor-coached Plan
New Trip Planning Tool on Sawtooth Avalanche Center website
Avenza map download

0930-1030 Travel to trailhead ([Galena Summit](#), [Banner](#))

1030-1600 Teams at TH Field Session: Managing avalanche terrain

- Practice snowpack observation and tests
- Analyzing terrain and consequences
- Using terrain to manage risk: terrain margins
- RIDE SAFELY

1600-1630 Back at TH Instructor-coached Debrief
Plan logistics for tomorrow - trailhead, specific equipment, etc.

Evening [Submit observations](#) to Sawtooth Avalanche Center

Day 3: Participant led tour - Apply the AIARE Framework (8hrs)

2 hours morning Zoom session with SMG instructor.

5 hours student-led tour

1 hour post-course review

0800-1000 Zoom Student-led Trip Plan
Students use all tools and resources to identify uncertainty and PLAN a full-day tour.

1000-1100 Travel to trailhead ([Galena Summit](#), [Banner](#))

1100-1530 Field Field Session: Apply the AIARE framework during a ski tour

- Identify sources of uncertainty, especially related to the group
- Manage the team in avalanche terrain
- RIDE SAFELY

1530-1600 Cars DEBRIEF
Course Close

Post-Course [Submit observations](#) to Sawtooth Avalanche Center
Standby for follow up email from course leader with

- AIARE Course Completion Certificate
- Additional [links and resources](#)
- SMG course survey