



AIARE 2 - DECISION MAKING IN AVALANCHE TERRAIN

Winter 2021-22

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.

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| Self-paced | Online | Find local avalanche center on Avalanche.org
Read Sawtooth Avalanche Center forecast for the area you are meeting your team
Review season conditions on Sawtooth Avalanche Center Conditions Blog
Review these AIARE 2 Online lessons: <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 <ul style="list-style-type: none"> ● 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 <ul style="list-style-type: none"> ● 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 <ul style="list-style-type: none"> ● AIARE Course Completion Certificate ● Additional links and resources ● SMG course survey