

## AIARE 2 Online Overview

*This outline describes the sequence of webpages on the AIARE 2 online learning website. Users will be able to navigate through the site sequentially as the pages are listed here, but also navigate to pages/topics of interest using the website outline on each page.*

*In this outline, the bold text in color is the name of the page. Red is a first level heading, blue are pages nested under red level pages and green are pages nested under blue level pages. The text that follows is the heading or title of the webpage. The text in italics is the learning outcome of the page.*

*This outline is meant to provide an overview of the topics that will be presented online in order to facilitate planning and curriculum development by Instructors and Providers for the 2020-21 season.*

**Introduction:** What will I learn on this course?

*Describe the goal of the AIARE Decision Making in Avalanche Terrain Program and name the basic objectives of each course.*

**AIARE 2 Goals:** What's the difference between the AIARE 1 and the AIARE 2?

*Describe the goals of the AIARE 2 course and how they are different from the AIARE Course.*

**Course Navigation:** How to navigate this online course.

*Navigate the website and direct their own learning.*

**Survey:** Tell us about yourself.

**The AIARE Framework:** What is the AIARE Framework?

*Describe the components of the The AIARE Framework.*

**TEAMWORK:** What makes a good backcountry group?

*Describe the attributes of a backcountry group that makes decisions by consensus.*

**AIARE 1 Review:** What do you remember from your AIARE 1?

*Recall key concepts and ideas from the AIARE 1 Course.*

**Uncertainty:** What is Uncertainty?

*Discuss how uncertainty impacts a group's ability to identify and manage risk in the backcountry*

**Sources of Uncertainty:** What are sources of Uncertainty?

*Identify sources of uncertainty that affect backcountry travelers*

**Reducing Uncertainty:** What are ways to reduce Uncertainty?

*Summarize tools and resources they can develop and use to reduce uncertainty*

**Employing a terrain mindset:** What's a terrain mindset?

*Articulate how to reduce avalanche exposure in response to increasing uncertainty by limiting the complexity of the terrain.*

**Uncertainty Source: People:** How can I manage uncertainty in my group?

*Explain how "The Rules of Engagement" promotes discussion, builds consensus, and reduces uncertainty within a group.*

**Uncertainty Source: Conditions:** How can I manage uncertainty from conditions?

*Describe sources of uncertainty stemming from weather and snowpack conditions.*

**Snowpack Basics Review:** What is a snowpack?

*Describe basic physical characteristics of a snowpack.*

**Snowpack Structure:** How does new snow affect avalanche conditions?

*Explain how difference in precipitation type, rate, and duration create layers within the snowpack*

**Snowpack Metamorphism:** How and why does the snowpack change over time?

*Generalize how the snowpack changes over time and describe where to look for evidence of faceting, rounding and melt-freeze metamorphism. (CLO 2, 4)*

**Persistent Weak Layers:** How do I keep track of persistent weak layers?

*Anticipate the weather and snow conditions that commonly lead to the formation of persistent weak layers within the snowpack (CLO -2 ,4)*

**Revisiting Avalanche Problems :** How do I connect avalanche problems to snowpack structure and metamorphic processes?

*Relate snow metamorphic processes and recent snowpack structure to avalanche problem types.*

**Why Dig in the snow?:** Why dig a snowpit?

*Discuss the reasons for and the limitations of digging snow profiles.*

**Where to dig?:** How do I choose a proper place to dig?

*Identify safe, relevant and considerate observation sites.*

**What info comes from digging?:** What kinds of information do snowpack tests tell me?

*Describe the reasons for performing, and the limitations of, common snowpack tests.*

**Uncertainty Source: Terrain:** How do I manage uncertainty from terrain?

*Describe impacts of familiarity and lack of familiarity with the terrain.*

**Planning to reduce uncertainty:** How does planning reduce my avalanche risk?

*Summarize trip planning techniques that include discussing terrain and creating travel options before heading into the field.*

**Trip Option Catalogs:** What are trip option catalogs?

*Explain the purpose, appropriate use, and limitations of a Trip Option Catalog. (CLO - 2)*

**Creating a catalog:** How can I get started building my own?

*Identify resources and relevant information to begin building trip option catalogues.  
(CLO - 2)*

**The A+O Reference as an Advanced Tool:** How avalanche problems can help you choose terrain.

*Use the avalanche problem to prioritize specific signs of unstable snow, relevant observation and considerations.*

**Travel strategies:** How do avalanche problems affect the day's travel strategy?

*Explain how the day's avalanche problem determines the day's travel strategy--where we go, how we go and when we go.*

**Building margins:** How do I build in margins?

*Describe how backcountry travelers use terrain to limit their avalanche exposure.*