AIARE 1 Online Overview

This outline describes the sequence of webpages on the AIARE 1 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 webpage. 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.*

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.*

PLAN: What do I need to do before I go into the mountains?
> *Explain why hazard assessment and creating a plan to manage hazard prior to going into the backcountry is essential.*

Assemble Your Group: What do good backcountry partners look like?
> *Describe a process to select backcountry partners and determine the group's strengths and weaknesses.*

The Human Factor: Why who you go into the backcountry with matters.
> *Identify human factors and sources of bias in group and individual decision making as they relate to backcountry travelers.*

Anticipate the Hazard: How do I know what hazards to expect in the backcountry?
> *Describe how to obtain information about potential avalanche and weather hazards from experts.*

Weather: How does weather affect the hazard?
> *Describe how weather can affect travel or hazard management.*

Avalanche Danger: What is the avalanche danger rating and what does it tell me?
> *Name the avalanche danger rating and associated travel advice for a given day. (CLO 3)*

Avalanche Problem: What is an avalanche problem and what does it tell me?

Describe the characteristics of an avalanche problem type and signs of unstable conditions for a given type.

Avalanche Problem Types - 1 page for each type with 1-2 pages of check for understanding activities

Plan where to go: How do I manage hazard?
Describe how to plan where to go in response to the hazard and group.

ATES: How do I generally describe hazardous terrain?
Broadly categorize terrain as Non-avalanche terrain, Simple or not-Simple terrain.

Uncertainty What do I do about the things I don't know about?
Name sources of uncertainty in backcountry travel.

Review Your Plan: Play the Devil's Advocate
Identify indicators of increasing uncertainty or changing plans and identify an alternate route or location.

Discuss Your Emergency Plan: What goes into a backcountry emergency plan?
Describe how to create an emergency plan and review the plan for the day.

RIDE: How do I keep track of conditions and manage my risk?

Describe a process to maintain situational awareness, identify hazards, communicate with a group, and choose appropriate routes or areas while in the backcountry.

Departure Check: What happens at the Trailhead?
Describe a process to check gear function and confirm group plans and communication strategies.

Monitor Conditions: Keep track of conditions while moving.
Name signs of unstable conditions in the backcountry.

Check In With The Group: How do we stay on the same page throughout the day?
Describe when to check in with their group in the backcountry.

Recognize Avalanche Terrain: How do I recognize avalanche terrain?
Broadly identify avalanche terrain and describe consequences of an avalanche in a piece of terrain.

Choose Terrain: How to use terrain as a risk management tool.
Describe how to choose a specific route or area that reduces avalanche exposure.

Repeat as a TEAM: Repeat the Process
Describe how to make travel decisions using an inclusive and consensus-based process.

DEBRIEF: How do I turn every outing into a learning experience?
Name a debrief process that summarizes conditions, reviews the day and identifies actions to take next on the next outing.

PREPARE: What do I do year round to be a prepared backcountry traveler?
Name the four components of seasonal preparation and describe how it fits into their backcountry activities throughout the season.

Track the Seasons Conditions: How do I keep track of the snowpack throughout the season?

Describe a process to keep track of the snowpack conditions over time.

The Dynamic Mountain Snowpack: What is a snowpack?
Describe how snowpack layers form and change over time due to the influence of wind, precipitation, temperature, and sun.

How the Snowpack Changes Over Time: How does a snowpack change over time?
Relate weather and snowpack patterns that lead to faceting, rounding, surface hoar, crusts, and corn snow. (CLO 2)

Investigate Trip Options: How to ensure you always have a trip option to match the conditions.
Describe a process to evaluate and keep track of places to travel in the backcountry.

Avalanche Prone Slopes: How to identify avalanche terrain from photos and maps.
Identify avalanche prone slopes in maps and photos.

Terrain Influence on Snowpack: How does the terrain influence the snowpack?
Describe how terrain modifies the snowpack character by varying exposure to wind and sun. (CLO - 2, 3, 5)

Practice Avalanche Rescue (Link to rescue website)
Understand the importance of regular and realistic small team avalanche rescue practice.

Continue Your Avalanche Education: What is your next step?
Name resources to identify next steps in education.