

Table 2: Avalanche Rescue

Program	Audience	Learning Outcomes	Core Curriculum Content	Pre-requisites	Format	Performance Measures	Instructor Qualifications & Student:Instructor ratio
<p>Avalanche Rescue</p>	<p>*Winter recreationists that travel in backcountry settings: -Skiers -Snowboarders -Snowmobilers -Snowshoers -Winter Mountaineers</p> <p>*Aspiring Professionals</p> <p>*SAR Volunteers</p> <p>*EMS/LE</p> <p>*Courses may focus on the specific needs of a particular audience</p>	<p>-Understand and describe the importance of anticipating and knowing when you are entering into avalanche terrain.</p> <p>-Group Plan communication</p> <p>-Trailhead Checks</p> <p>-Travel Protocols</p> <p>-Understand and demonstrate: priorities & actions to take if involved in an avalanche (as a victim or responder)</p> <p>-Demonstrate effective application of search techniques by leading or participating in, companion rescue for one and two beacon burials within specified times and search areas.</p> <p>-Understand and demonstrate methods and strategies used in locating burials without beacons</p> <p>-Describe likely medical issues to anticipate once buried victims are excavated</p> <p>-Understand the need for additional medical training</p> <p>-Understand how to request EMS resources and what to expect with larger ICS responses</p>	<p>AVALANCHE RESCUE PRINCIPLES:</p> <ul style="list-style-type: none"> Survival rates and times Victim demographics and statistics Review of avalanche avoidance Escape and survival techniques if caught in an avalanche Rescuer safety/ Response Recent developments & research <p>AVALANCHE GEAR & TECHNIQUE:</p> <ul style="list-style-type: none"> Digital Beacon –multi antennae 457 kHz Standard (modern technology) Probing and shoveling technique Additional optional safety gear/response Airbags, Avalungs Helmets Recco Rescue dogs/ Dog handlers Organized probe lines <p>COMPANION RESCUE PROCESS:</p> <ul style="list-style-type: none"> Scene Safety and Size-up Communication, organization & leadership Last Seen Area (Number of Victims) Activating EMS Search Techniques (spot, Rapid Response) Transceiver Search- signal, coarse, fine Pinpointing technique - probe Non-Transceiver Search Probing Shoveling practice/techniques Trouble shooting common problems Group Management Deep Burials Multiple close proximity burials Communications Scene Size-up / Reporting <p>AVALANCHE VICTIM BASIC PATIENT CARE:</p> <ul style="list-style-type: none"> Briefly describe and anticipate common medical and trauma problems. To include Resuscitation, Hypothermia and Trauma Management <p>RECOGNIZING NEEDS AND IDENTIFYING ADDITIONAL RESOURCES:</p> <ul style="list-style-type: none"> Medical, Backcountry Transport Introduction to ICS & EMS resources Basic Helicopter operations: LZ, basic hand signals 	<p>-Backcountry Gear (minimum: beacon, shovel, probe, mode of winter travel)</p> <p>-Understanding of Basic Avalanche Awareness</p> <p>-Familiarity with appropriate backcountry travel</p>	<p>8 hours: Minimum 5 hours field time with demonstration & practice</p>	<p>Attendance & participation.</p> <p>Students will be coached on skills and technique during practice.</p> <p>Students who proceed to the Pro Training Program will be evaluated on Avalanche Rescue Skills during the Pro 1 course. Pro 1 rescue expectations:</p> <p>Small Team Rescue (one primary rescuer plus one helper)</p> <ul style="list-style-type: none"> 50m x 50m area 2 beacons buried in large backpacks Burial depths of 1m <p>Locate and bring to surface both beacons in less than 7 minutes. (see Pro 1 Skills and Proficiencies document for further details)</p>	<p>-Lead instructor must be AAA professional member</p> <p>-Instructors must provide timely and effective coaching.</p> <p>-Student/Instructor</p> <p>-Maximum 6:1</p>

