



## ALPINE MOUNTAINEERING AND TECHNICAL LEADERSHIP 1

### North Cascades, WA PROGRAM ITINERARY

#### Program Details:

In this first 12-day program, we help you develop a very complete set of alpine climbing skills for rock, snow, and ice, from the basics on up, and as we progress through each set of skills, we will provide you with a lot of enjoyable practice climbing so you can master each technique. You will learn route finding and hazard assessment skills as well as self-rescue. Through the course, you will make a series of classic alpine ascents on rock routes and on major glaciers, and you and your fellow team members will lead the final climb as you apply all the climbing and leadership skills learned during the program.

It is extremely important for those who participate in this course to understand that this itinerary is not set in stone. Changes may take place at any time due to weather or summit strategies. If you do not understand why an itinerary change occurred, please ask your guide.

#### Difficulty Grade:

Beginner to Moderate

#### Program cost Inclusions and Exclusions:

**Inclusions:** Permits and access fees; Transportation during the course; Guide; Group technical equipment; Biffy bags.

**Exclusions:** Food costs; Personal equipment; Lodging costs (for the night before your course starts and the night you come back to Bellingham); Personal health, Baggage and Trip Insurance; Transportation before and after your course dates.

#### Itinerary:

##### Day 1 – Rendezvous at the AAI Equipment Shop and Rock Climbing Day

Plan to meet your fellow climbers and instructor(s) at the AAI Equipment Shop promptly at 7:00am. Your guide(s) will take the time to go over equipment, finalize rentals and purchases, review the itinerary, and ensure everyone is adequately prepared.

As soon as the rendezvous is complete we will make the 45-minute drive south to a local rock climbing area called Mt. Erie, overlooking the North Puget Sound. Here we will cover basic concepts of free climbing, rappelling, anchor placement, belaying, knot tying, and movement on rock. The class will be camping at a front country campground that evening.

\*On some courses, your instructor will opt to have the rock day on the sixth day of the course and hike directly into Mt. Baker the first day. This is done if the weather appears to be more favorable earlier in the course, giving us a better chance to summit.

### **Day 2 – Hike into the South Side of Mt. Baker (5600ft/1706m)**

We will break camp early in the morning to make the drive to the south side of Mt. Baker to the Park Butte Trailhead at roughly 3300 feet. The hike in is about five miles to the foot of the Easton Glacier where we will set up camp between 5600 feet and 6000 feet. The remainder of the evening will be spent covering concepts of alpine camping techniques, Leave No Trace principles, glacier travel, glaciology, mountain weather, geology, and the schedule for the next few days.

### **Day 3 – Snow School on the Easton Glacier (6500ft/1981m)**

The third day will be spent practicing glacier skills, covering concepts of self-arresting, crampon technique, glacier travel, rope team skills, and management. Snow skills will be conducted a short distance from camp, about 6000 feet to 6800 feet, and we will be returning to basecamp that night.

### **Day 4 – Crevasse Rescue on the Easton Glacier (6500ft/1981m)**

This will be another long day of skills practice on the glacier. We will start early in the morning and make our way farther up on the glacier like the previous day and spend it covering the most essential tool for glaciated mountain travel, crevasse rescue. We will be setting up and practicing hauling systems, building snow anchors, and prusiking up a rope. This night will also be spent back at basecamp.

### **Day 5 – Snow Skills and Crevasse Rescue Continued**

The fifth day will be a continuation of the previous two days, covering crevasse rescue as well as the opportunity to cover basic ice climbing skills by top roping on the glacier seracs if time allows. That evening there is the potential to pack up base camp and relocate to higher up on the glacier to about 7000 feet in order to make a more time efficient summit bid the following morning. It will be an early night!

### **Day 6 – Summit Bid and Hike Out (10,778ft/3285m)**

It isn't uncommon for the summit bid to be on the fifth day if the weather window looks better, but we typically plan for it to be on the final day. We will have an early alpine start (Midnight - 3 am) and make a push for the summit, this takes anywhere from four to eight hours depending on where we camped, group pace, and conditions. After the summit bid, we will hike down, pack up camp, and hike out to the vans. This evening will either be used to dine out or restock at a grocery store before heading to a front country camp ground.

### **Day 7 – Introduction to Multi-Pitch Rock Climbing**

We will load up the vans once again and make the drive to Mazama, Washington (roughly three hours) and climb at a local crag called Fun Rock. This day will be spent reviewing basic climbing concepts and covering more intermediate climbing concepts such as top rope systems, traditional climbing gear removal, rappelling, knot passing and more. The evening will be spent reviewing the objective and itinerary for the following day. That night will be spent at a front country car campsite between Mazama and Washington Pass.

### **Day 8 – Alpine Rock Route (7807 ft/2379m)**

This will be the first day of practical application of rock climbing skills. Today we will drive 20 minutes back up to Washington Pass and climb the South Arete of South Early Winter Spire. There are several other options in the area, and instructors may choose alternative objectives based on weather and student skill. Students will cover multi-pitch climbing, rappelling, route-finding and risk management as well as additional concepts as they come up and time allows. In the evening students and instructors will talk about their route options for the following day.

We will camp at the same campground as the night before.

### **Day 9 – Alpine Rock Route (7720ft/2353m)**

We will venture back to Washington Pass for a second day of practical application, but this time we will climb the Becky Route on Liberty Bell. Much of the same skills as the day before will be covered, but in greater detail to reinforce concepts. Again, there are several other options for routes based on student skill and weather. In the evening, students will review skills from the preceding days. This might include a review of single line crevasse rescue and the knot pass.

We will camp at the same campground as the night before. Over dinner, we'll begin planning the final, "student-led" ascent, using guidebooks, maps, and advice provided by your instructor.

### **Day 10 – Alpine Rock Route (elevation and distance vary depending on objective)**

Today we wake, pack, and drive to one of several areas for the glacier segment of this course. Though we typically climb Mt. Shuksan for this portion, we will occasionally climb Eldorado Peak, Sahale Peak, Silver Star Mountain, or another major non-volcanic summit. Day four may also, on occasion, be spent doing another day of alpine rock, at the guides discretion.

After driving to the trailhead for the final ascent, we may hike in and set up our base camp, in which case the approach could be anywhere from three to five miles, or we may camp at a forest service campground. If there is time, we will start our review of glacier travel procedures. Your instructor will discuss topics such as glaciation, navigation, or geology over dinner.

### **Day 11 – Student Led Ascent (elevation and distance vary depending on objective)**

Today we will hike to a glacier training area and do a full skills review and training. We will review cramponing and ice axe technique, and then, time allowing, may move on to the more advanced skills of snow and/or ice screw anchor building and running protection, and team crevasse rescue. We will also discuss the next day's route to the summit and will go to bed early in anticipation of an early rise the next morning.

This day may also be summit day based on guide discretion, in which case we will summit and hike out and leave the final day for additional skills instruction.

### **Day 12 - Summit Day (elevation and distance vary depending on objective)**

We will normally summit either Shuksan via the Sulphide Glacier, Eldorado Peak via the Eldorado Glacier/East Ridge, or Sahale via the Quien Sabe Glacier. We will plan on summiting early, then will return to camp, pack up, hike back to the van at the trailhead, and then drive back to AAI's headquarters in Bellingham. We aim for getting climbers back to town between **3-7pm**.

\*If students summited on day five of the course, then this day will be additional skills training or another day of cragging before heading back to the AAI office.