



## WEATHER FOR THE BACKCOUNTRY TRAVELER LECTURE SERIES DESCRIPTION

The Alaska Avalanche School is a non-profit organization created for the purpose of promoting public safety in and around the mountain environment through education, research, publishing, and consulting. You have our commitment that we'll provide you with the highest quality of training possible. Please read the following information carefully. We look forward to your participation in the upcoming *Avalanche Hazard Recognition Lecture Series*.

### **DETAILS:**

Cost of the Workshop: \$30 Per Person, \$25 for kids 16 years or younger

Workshop Duration: 12:30pm until 5:00pm

Tuition Includes: Instruction

Tuition Does Not Include: Round trip transportation to and from the class-site, food and water for the duration of the lecture.

### **LECTURE TOPICS TO BE INCLUDED:**

This lecture series is intended for backcountry travelers and enthusiasts ranging from skiers, snowboarders, climbers and more. This lecture series is meant to give anyone who is affected by the weather a better understanding of the concepts that drive the complex weather patterns in the mountains. For those more familiar with basic climate and weather concepts the lecture will help upgrade your forecasting abilities.

#### Program curriculum consists of:

- Atmospheric Structure
- Energy and Energy Balance
- Evaporation/Condensation
- Greenhouse Effect
- Temperature/Humidity
- Air masses
- Stability/Inversions
- Clouds/Precipitation
- Wind
- NOAA website navigation

### **PRE-REQUISITES:**

There are no pre-requisites for students interested in participating in this program.

### **WORKSHOP SCHEDULE:**

Pre-registration check-in will take place from 12:00-12:30 pm. The program will run from 12:30 pm to 5 pm *Plan to be in the classroom on time as we start promptly!!*

**WORKSHOP LOCATION:** The workshop will be held at the Alaska Pacific University, Lecture Hall facility, room 102 in the Carr Gottstein Academic Center. Driving directions are included below.

**DRIVING DIRECTIONS:** From North, West or South: Take 36th Avenue East, past Lake Otis Parkway (36th becomes Providence Drive, then University Drive). Remain on Providence Drive past Providence Hospital - cross Elmore Street (3 way stop) and you are on University Drive and the APU campus.

From Northeast (Eagle River) or Southeast: Take Tudor Road to Elmore Street. Head North on Elmore Street approx 3/4 mile 'til the road ends at a 3 way stop; turn right and you are on the APU campus.

**PARKING:** Included on the second page of this handout is a map of the APU Campus. Please reference this for parking options.

**PARTICIPANT GEAR REQUIREMENTS:**

Please be prepared for a full day of learning. Notebooks and pencils or pens are highly recommended. Since you will be sitting the majority of the day drinks are allowed in the classroom.

**MISCELLANEOUS:**

Student tuition alone does not cover the total workshop cost. Funding for these programs is derived from individual donations, in-kind contributions, and program receipts from educational workshops. If you desire to contribute to the school we graciously accept donations of monetary value as well as gear that can be put towards our rental program.

Our goal at the Alaska Avalanche School is to provide you with the best possible opportunity for learning about avalanche hazard evaluation in the backcountry.

If you have any questions, please feel free to contact us at 907-345-0878 or email: [AlaskaAvalanche@mac.com](mailto:AlaskaAvalanche@mac.com).

We look forward to seeing you in the mountains!

