

Alpine Club of Canada
Columbia Section
Course Outline

Map & Compass/ Navigation (2 days course)

Calendar Description

This course consists of a 2 hours classroom theory component and two field days. The objectives of this course are to better understand and master the navigation techniques in mountainous terrain.

This course will take place around Revelstoke area and Roger Pass. The specific location for each day will depend on weather and mountain condition. This information will be provided to the participants during our zoom class the evening before the first day.

Course/Learning Outcome

By the end of the course participants will be able:

1. To create a route plan using a map and compass (white out navigation plan)
2. To interpret/read a topographic map (map to terrain/terrain to map)
3. To comprehend the concept of declination and its appropriate use
4. To demonstrate the use of a compass in the field (taking bearings/triangulation)
5. To fix our position in the field using grid coordinate.
6. To use the fundamental function of a GPS and phone application
7. To navigate using terrain at your advantage (route selection/use of hand rails)

Personal Equipment

- Ski touring or Split board/Skin
- Transceiver, Probe & Shovel
- Sighting Compass (with a mirror like: Suunto Navigator MC-2D Metric)
- Roger Pass Map 1:50 000

If we need other map I will provide them.

- Phone Application (Gaia GPS)
- Pencil and note book (“Rite in the rain” is a good note book)
- Small Personal 1st aid Kit (Blister kit, tape etc.)
- Headlamp (with extra batteries)

- Glacier glasses (Good Sun glasses)
- phone or camera (have extra batteries or safe batteries by being air plane mode)
- pack (30 to 45 liters), Water bottle & lunch

Clothing: (MUST HAVE ITEMS)

- Rain/wind shell - full jacket and pants (Gortex)
- Light Insulated jacket (down or synthetic)
- gloves
- Spare gloves (1 pair extra) *Personally I will have 2 pairs of glove
- Warm hat, neck tube & sun hat
- Sun screen, lip balm

*** If you have any questions about equipment, send me an email or call me.

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