

## Wilderness Navigation Field Session [WNFS]

"...good progression of exercises also the classroom session was very good background theory."—WNFS Participant

Interested in getting off marked Trails and into the real backcountry? The **Wilderness Navigation Field Session** is the 2nd Course need to earn our Navigation Certificate. This course is an opportunity to improve and practice a variety of navigational techniques including interpretation of Airphotos, 1:50,000, and 1:250,000 scale topographical maps.

"I enjoyed all aspects of the course. Learned a lot."— WNFS Participant

We cover contour interpretation, route planning and polishing up our knowledge of the MGRS and UTM grid system. Extensive compass skills will be practiced including declination, inclination, bearings, back-bearings, pacing, and resections. Emphasis will be on **wilderness route finding, travel, and integration with GPS Receivers in the field.**

"I enjoyed all of the outdoor activities. Especially the day at the Blackfoot."—WNFS Participant

This course covers map, airphoto, and compass skills. If you spend any time in the wilderness, this is the course you want to ensure you get back - the most thorough of its kind. This course will really teach you how to navigate and gain a high level of confidence, so register now.

"I didn't know airphotos were so useful."  
— WNFS Participant

Location: Classroom #202 7205 Roper Road,  
Edmonton, AB and Local Wilderness Area or as  
Contracted

Dates: As per Web Site Calendar or as Contracted  
[Groups of 5 or more]

Cost: \$225 per person or \$1000 plus \$10 per person  
[Groups of 5 or more]

Course Time Frame: Weekend or 20 hours.

The course covers these areas:

1. **Basic Map Reading**, including
  - Interpreting and Understanding 1:50,000 & 1:250,000 Scale topographical maps.
  - Photo and Monochrome Maps
  - European Topographical Maps
  - **Contour interpretation**
  - Using UTM and MGRS Grids
2. **Basic Airphoto Interpretation.**
3. **Basic Compass Skills**, including
  - Following and Plotting a Bearing
  - Back-bearings
  - Declination
  - Inclination
  - Resections
  - Pacing and other related skills.
4. **Proper wilderness route finding techniques**
5. **Route planning and route cards**
6. **What to do if lost**
7. **Introduction to routefinding at night**
8. **Introduction to using celestial bodies as aids to navigation.**