

Wilderness Navigation Core Seminar [WNCS]

This course covers both **Wilderness Navigation** and the **Global Positioning System**. It is an opportunity to learn and practice a variety of navigational techniques. Course participants will gain life saving compass, map reading, and GPS navigation skills.

The course is excellent way of developing a high level of wilderness navigation skill and navigational confidence in a short period of time. The course is a *Classroom Session* that is conducted in the classroom and outside in a nearby park area or open area. It will cover the following points:

Wilderness Navigation

- Basic Compass skills.
- 1:50,000 scale **topographical maps**.
- Basic map interpretation**
- Basic contour interpretation**.
- MGRS and **UTM grid system**.
- Latitude and Longitude.
- Declination.
- Bearings & back-bearings.
- Route planning and route cards.

Global Positioning System

- Introduction to GPS.
- Programming a GPS Unit.
- Waypoint setting and marking.
- GPS navigation.
- Improving GPS performance.
- Cold weather operations.

A second day can be contracted to practice these skills in a wilderness environment and will be a great help in cementing the skills practiced in the previous session. The *Field Session* can be held either the next day or up to a few weeks later depending on the need of your group.

Location: Classroom #202 7205 Roper Road, Edmonton, AB or as Contracted

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

Cost: \$125 per person or \$550 plus \$5 per person [Groups of 5 or more]

Course Time Frame: 8:30 am to 5:00 pm or 7.5 hours.