

GPS Navigation Course for SAR Personal

This course covers the **Global Positioning System** and is specifically designed for SAR personal. Course participants will gain life saving GPS navigation skills and map reading knowledge. The course is excellent way of developing a high level of GPS skills and navigational confidence in a short period of time. The 1st half day of the course is a *Classroom Session*. The rest of the course is conducted in a nearby wilderness area or park. The course will cover the following points:

Global Positioning System

- Introduction to the Global Positioning System
- WAAS
- Handheld GPS Receivers
- Programming a GPS Unit
- Waypoint Setting and Marking
- GPS Navigation
- GPS Tracking
- GPS Mapping
- Improving GPS performance
- Inclement and Cold Weather Operations
- Other GPS Features

Wilderness Navigation

- Topographical Maps Review
- MGRS and UTM Grid System
- Latitude and Longitude

Field Session

- Waypoint Exercise
- GPS Navigation Exercise
- GPS Tracking Exercise
- GPS Mapping Integration with SAR

The *Field Session* can be held either directly after or up to a few weeks later depending on the needs of your group. Participants should have a working GPS and a Topographical Map of the area being used for the *Field Session* with them at the beginning of the class.

Location: Classroom (w/ Screen) and Projector plus Laptop with Mapping Software

Dates: As Contracted

Cost: \$500 dollars per day plus \$5 handout fee per person

Course Time Frame: ½ day *Classroom Seminar* and 1 to 1½day *Field Session*