



## **LAND NAVIGATION AND SHOOTING COURSE**

The FUNDAMENTALS OF FIREARMS AND LAND NAVIGATION course is designed to significantly increase the skill level of any marksman utilizing a semi-automatic carbine and pistol, and to teach you basic land navigation skills for the modern gunfighter. The course will consist of approximately 1 hour of instruction on firearm & fieldcraft safety, firearm operation, and the safe and correct way to handle and operate both weapon systems on and off the range. The initial instruction will be followed by 20 hours of gradually demanding drills that involve a variety of shooting positions, distances, speed work, and expert instruction for the operational individual or team. These drills will primarily originate from the standing position and are designed to improve both speed and accuracy. Land navigation instruction will provide students with a foundation in map reading and navigational techniques, tactics and procedures to improve individual abilities. Upon completion of this course the student will have a thorough understanding of firearm safety, firearm operation, the ability to engage multiple targets with multiple shots, and practical land navigation skills.

**Course Objective:** Each student will gain confidence in land navigation and the safe handling and operation of an AR-15 type rifle and pistol. Both of these critical skills together will improve the baseline abilities of each student and allow them to dramatically refine their skills in a pragmatic and highly exercised format.

### **Enabling Objectives:**

- General firearms safety
- Verify safe, loading, unloading procedure, and proper clearing of weapons
- Operation and manipulation of the AR-15 type rifle and pistol
- Sights, zeroing considerations & techniques, slings, and equipment placement
- Reloading and malfunction drills
- Fundamentals of rifle and Pistol marksmanship
- Shooting positions
- Multiple target engagements
- Basic Geospatial overview
- Map Reading, Protractor, and Compass use
- Plot points, determine location, determine azimuth and distance on a map and on ground
- Route planning, navigation techniques, equipment use and techniques
- Basic Flora/Fauna identification and avoidance techniques

**Prerequisite:** A basic understanding of firearms safety and operation, and an interest in gaining/improving practical land navigation skills.

**Training schedule:** Show time is 8:30 am with instruction starting at 9:00 am and ending at 5 pm. A one-hour period is allotted for lunch.

### **Individual equipment (Student Furnished) for Firearms & Navigation Skills instruction:**

- Carbine with 3 magazines and sling
- Optical sight for carbine (optional, but highly recommended)
  - Pistol with 3 magazines and holster
  - Belt, LBE or protective vest
  - Magazine pouches (pistol and rifle)
  - Knee and elbow pads (optional)
  - Weapon cleaning kit (with oil for carbine)
  - Eye and ear protection
  - Note taking tools (pen/pencil & notebook)

- Personal modern cell phone/smart phone with any mapping application
- Basic Personal Navigation Kit. All items are student preference based upon the minimal values below:
  - Small Pack with water bladder, canteens, or similar
  - Knife and/or Pistol with retention
  - Hiking boots or similar (broken in), a couple pairs of merino wool socks (or other anti blister)
  - Sturdy pants w/belt, long sleeve shirt(s), glasses/sunglasses, hat
  - Personal full-sized hiking compass (lensatic or orienteering/baseplate type).
  - Personal GPS (not required but recommended).
  - Preferred bug spray (non-Deet), preferred sunscreen
  - Personal First-Aid items or kit with prescription meds, epi-pen, toilet paper, body wipes, etc.
  - Any additional student equipment to test or practice with
  - Inclement weather gear and environmental protection (if desired)
- Water/food (1hr lunch break)

**Ammo requirements (Student Furnished):** 700 rounds of rifle, and 600 rounds of pistol ammunition per person.

**Course includes:** 21 hours of instruction and additional materials for land navigation (maps, protractors, pens, pencils, map case).

**Cost:** \$800 tuition fee. Includes all range fees and additional take-home land navigation items furnished to students.