

PRECISION RIFLE 1

Mandatory Equipment

- Semi-automatic or bolt action rifle capable of one minute of angle (MOA) accuracy
 - 6.5 Creedmoor, .260 Rem, .308 Win, .300 Win Mag (ask about other calibers)
 - Bipods able to be attached to the rifle
 - Ammunition magazines
- Rifle case or bag
- Gear pack
- Scope (At least 10x) with adjustable turrets
 - Mil or MOA reticle (ask about other reticles)
 - Finger adjustable windage and elevation knobs with definite `clicks`
 - 100 rounds of ammunition per day (ammunition is available for purchase)
 - * Same ammunition manufacturer, lot number, bullet weight, etc. (recommended)
 - * No armor piercing, steel jacketed, bi-metal, steel core, tracer, or incendiary bullets
- Shooting platform/support
 - * Rear bag / sand sock
 - * Shooting pack
 - * No rifle cradles or vices
- Rifle maintenance kit (specific to your rifle, mounts, rings and scope)
 - Torx and/or allen head wrenches
 - Torque wrench
 - Lubrications and solvents
 - Coated cleaning rod and bore guide, jags, patches and boresnake
 - Optics lens brush, lens paper, lens cleaning solution
 - Pen, pencil, highlighter, sharpie
 - Rifle data book or notebook
 - Calculator
 - Eye protection (tinted and clear lenses recommended)
 - Ear protection (electronic over ear protection recommended)
 - Weather appropriate footwear/clothing (we shoot rain, shine, cold or hot.)
 - Hydration system (bottles, bladder, etc.)

Optional Equipment

- Spotting scope with tripod
- Binoculars
- Laser rangefinder
- Wind meter (Kestrel)
- Ballistic calculator (ask for recommended smartphone apps)
- MilDot master
- Shooting mat

DAY 1

8:00a: Check in

8:30a: Pillars of firearm safety

- Go over safety rules and procedures that will be in effect for the duration of the course

9:00a: Equipment selection and care

- Identifying your wants/needs in equipment as a shooter
- What to look for when purchasing equipment (quality/nomenclature, etc.)
- Equipment functional similarities
- Identifying/preventing excessive wear and tear
- Cleaning procedures

10:00a: Rifle/Optic setup

- Eye relief (cheek weld/length of pull)
- Ocular focus

11:00a: Scope theory

- Reticle systems (Mil/MOA)
- Range estimation
- Reticle holds
- Reticle as a measuring tool

12:00p: Lunch and movement to the range

- Bring food and plenty of liquids

1:00p: Fundamentals

- Shot process (setting up position through preparing for a follow up shot)

2:00p: Zeroing

- NOT NECESSARY TO SHOW UP WITH A ZEROED RIFLE!!!

3:00-6:00p: Drills

- If class is consistently meeting the standards we will begin progressing out in distance for the remaining time.
- Shooters can take breaks whenever they want, and are encouraged to come look through the spotting scope and spot for each other.

TBD: Range may stay "HOT" later for students interested

DAY 2

8:00a: Recap Day 1 and Q & A

8:30a: Intro to ballistics

- Internal
- External
- Terminal

9:30a: Intro to atmospheric

- Environmental variables affecting bullet travel

10:30a: Data collection

- Data book recording
- Ballistic calculators

11:30a: Wind reading

- Mirage
- Terrain and vegetation
- Demonstration of varying winds

12:30p: Lunch and Q & A

1:30p: Cold bore and zero confirmation

2:00-6:00p: Drills and data collection

- Shooters can take breaks whenever they want, and are encouraged to come look through the spotting scope and spot for each other.

It is important to ask questions!!! If you miss a target, we want you, the shooter, to be able determine what you think was the cause of the miss. This way you will be able to correct it in the field, and quickly score a second round hit.