

Mid- Range Class Prerequisites

- Students:
 - No prerequisites except be a safe and competent rifle shooter with a good attitude and appetite for learning.
- Maximum of 14 students with three instructors
- Cost: \$100 for BRRC members, \$150 for non-members.
 - Payable to BRRC and due one week before class.
 - Payments are not refundable if you are a “no-show”.

Mid-Range Class Equipment Requirements

- **Rifle** consistently capable of 1" groups (~1 MOA) at 100 yards, 2 MOA bare minimum.
 - **PLEASE have your rifle ZEROED at 100 yards before you arrive!**
 - Does NOT need to be a super magnum or .338 Lapua to shoot to 600 yards.
- **Scope** must have target or tactical turrets with numbered and audible adjustments. See examples below.
 - BDC turrets are not recommended. **Hunting turrets are completely unsuitable.**
 - Capable of **dialing** elevation to 600 yards from 100 yard zero
 - Consider 15 MOA or 4.5 mils as minimum
 - Minimum 10x magnification
 - Parallax adjustable
 - Bring the scope's owner's manual, if you have it
 - Bring tools for loosening/zeroing the turrets



- **Ammunition:** match or premium grade. Can be factory or reloads.
 - **ALL THE SAME LOAD and the EXACT ammo the rifle is zeroed for**
 - 60 rounds absolute minimum, 100 rounds recommended
- **Shooting support**
 - Tripod, Bipod, Sand bags, or similar.
 - Rear stock support
 - **Lead Sled is highly discouraged.**
- **Ballistic program/app** on device or phone
 - Some recommended apps: Hornady 4DOF, Ballistic AE, Shooter, and Applied Ballistics
 - PC based ballistic program okay, but print outs will be needed
- Eye pro and ear pro are required.
- Clothing and gear appropriate for expected weather.
- Note taking gear (pen, highlighter, notebook)
- Shooting mat, recommended for prone shooters
- Calculator, tape measure and black marker will be needed at end of day 1 for "homework"

Mid-Range Topics to be Covered – Classroom 6-8 hours

- Equipment requirements for mid-range shooting
- Basics of shooting at distance
- Accounting for drop
- Accounting for wind
- Ballistic programs and cards
- Rifle and scope set-up
- Shooting positions and fundamentals
- Rifle maintenance and break-in
- Testing your system: live fire and vapor trail demonstration
- Mid-Range Qualification Procedures

Administrative Notes

You will **not** be qualifying during this class, but by the end of the class you will have all the tools to qualify and you will be shooting to 600 yards by noon on Sunday, if your "system" is up to the task.

You will be shooting both days, so you will need your rifle and ammo on the first day. Lunch break will be only 45 minutes, so bringing your lunch is recommended as it is too far to get to a restaurant. Class starts at 8:00 AM both days, please arrive a little early. Day 1 should end around 5:30 PM, Day 2 should be done by 12:00 noon.

Any questions about class content should be directed to Benjamin Voss, Primary Instructor, at bvoss@shootingstl.com or 314-497-0124. Contact the BRRC Office for any questions on class enrollment, payment or scheduling. Please let the BRRC Office know as soon as possible if you cannot attend a class you are confirmed to be on the roster for.