

Long Range Class Prerequisites

- Students:
 - **Be BRRC Mid-Range or Long-Range qualified AND you must have attended BRRC's Mid-Range Class since June 2017.** Non-Members do not need to be MR Qualified.
 - Being able to shoot from the prone is highly recommended. Right now, there is only one bench on the 1,200 Yard Range.
- Maximum of 10 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”.

Long Range Class Equipment Requirements

- **Rifle** that has been used successfully at 600 yards, preferably the one you qualified with.
 - Is capable of **supersonic velocity** at 1,000 yards (1,200 preferred)
 - Precision/accuracy of less than 1 MOA highly recommended. 2 MOA bare minimum
 - Spirit/Bubble level mounted to rifle, highly recommended
- **Scope**
 - **Zeroed at 100 yards. Please be zeroed before arriving.**
 - Minimum 10x magnification (16x-20x preferred)
 - Capable of **dialing elevation to 1,200 yards.**
 - Bring the scope owner’s manual and adjustment tools
- **Ammunition**
 - No less than **60 rounds** of the **EXACT** ammo that the rifle is zeroed for. 100 rounds preferred.
- Ballistic calculator, program, or app
- Front and rear support for prone shooting
- Shooting mat, highly recommended
- Kestrel or other wind/weather gage, highly recommended
- Bring a spotting scope and tripod (or one for a two-man team, if attending with a partner)
- Camp stool or folding chair, recommended
- Eye pro and ear pro is required.
- Clothing and gear appropriate for expected weather.
- Note taking gear (pen, highlighter, notebook)
- **All gear must be easily transportable. You will park at the 30 Bench and load your equipment on the range truck for transport to the LR firing point.**

Long Range Topics to be covered – Classroom 4-6 hours

- Review ballistic data inputs and calculations
- Truing drop with ballistic programs
- Transonic considerations and BC
- Gyroscopic (spin) drift and Coriolis considerations
- Anti Cant Devices / levels and their importance
- Techniques for calling wind
- Prone shooting position
- Trigger control and follow-through
- Importance of observing shots and Shooter-Observer dialogue
- Testing your system: live fire and class follow-up
- Long 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 1,200 yards by noon on Sunday, if your "system" is up to the task.

Class is limited to ten shooters because of the short firing line on the 1,200 Yard Range and to give you more one-on-one instruction. If you do not attend with a partner, you will be paired with another student: you will shoot as part of a team.

Weather will be a consideration. The firing line is not covered and is currently gravel. Class will only be cancelled due to poor visibility or hazardous driving conditions. Prepare for the worst and hope for the best. Watch the weather beforehand and be prepared.

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 on Day1 and 8:30 AM on Day 2, please arrive a little early. Day 1 should end around 4:30 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 BRRRC Office for any questions on class enrollment, payment or scheduling. Please let the BRRRC Office know as soon as possible if you cannot attend a class you are confirmed to be on the roster for.