

## LE Designated Marksman/Long Range Carbine Course Description

**2 days (16 hr) TCOLE#3322 Patrol Carbine**

**October 22-23 at Tac Pro Shooting Center 0800-1700 each day**

**\$350/person**

**Instructors: Bill Davison, Mike Moore**

The purpose of this course is to allow the student to maximize their capability with a 5.56mm or similar platform rifle that is equipped with a magnified optical sight. This course will simply touch on many of the concepts covered in greater detail in the Precision Rifle/LE Sniper courses. We say 'touch on,' because in this class students will shoot out to at least 600 yards. Many factors which must be considered when making a long range shot with a precision rifle must be understood to hit at 600 yards with a carbine/DM rifle. Keep in mind however, that students still need to be able to hit targets quickly at ranges as close as 25 yards. This class bridges the gap between the Patrol Carbine courses and the Precision Rifle/LE Sniper courses we teach. Though we will be engaging targets beyond 500 yards the majority of the drills will focus on target engagement between 100 and 300 yards.

**Day One** will begin in the classroom with an equipment inspection followed by a brief question and answer session between the instructors and students as to the student's goals for the course. Topics covered on Day One include: safety, ammunition selection, optic/mounting systems, and other accessories for the weapon system. Quickly the class will begin to cover the key environmental factors that will be critical to master in order to hit targets at longer ranges with a DM rifle. Zeroing will be discussed and this will depend on the student's optic and mission requirements/Agency Policy. Next the students will chronograph their selected ammunition so a data sheet can be generated as a baseline for use in the remainder of the course.

Students will then establish a zero at 25/50/100 yards based on their particular needs/optic combination. Once zero is been established students will establish

DOPE at 200 yards. Next, the class will move back to a shorter range and work some close range drills.

Before the day is complete the students will move to the known distance range and establish DOPE at 300, 400 and 500 yards.

**Day Two** will begin in the classroom with a more in depth look at the fundamentals needed to hit targets from non-prone positions. The use of a sling will be covered as well as braced and non-braced shooting positions. Not only accuracy but time will be stressed. Whether it is a hunting scenario, competition or a tactical operation; time is always a consideration. Students must think about the concept of 'Rapid Assumption-Rapid Fire.'

Students will then move to the 100/200 range and conduct a series of drills to build proficiency in shooting from various positions at small targets with time constraints. After answering any final questions on the square range students will move to the unknown distance range to finish the day.

On the unknown distance range shooters will have the opportunity to engage steel targets at ranges from as close as 100 yards to as far as 600 yards. Shooters will first shoot from the prone position. Once shooters have achieved hits on all targets prone they will be required to shoot from alternate positions; some standing, some kneeling, some braced on a barricade and some free style.

The day will end with a scrambler. Shooters will travel in small teams lead by an instructor. Students will travel from position to position engaging designated targets from various positions of cover/concealment as directed by the instructor. This will include moving several hundred yards overland and engaging from many different positions. The scrambler simulates engagement of targets from natural terrain as opposed to shooting on a square range. This is used as a culmination drill and will integrate all the skills taught in the course into this one exercise.

**Equipment:** Semi-automatic rifle in 5.56mm or comparable with a magnified optic of at least 4X on the top end (fixed or variable), 5 magazines, a sling, bipods are recommended but not required. Shooters will also need some way to carry extra magazines and ancillary gear if desired. Bring at least 1000 rounds of

ammunition including at least 250 rounds of match/duty ammunition. **Please come prepared, if you have a new untested rifle, or your optic needs to be mounted please come early on the first day or make arrangements prior to the course to get your equipment sorted out.**

Wear appropriate clothing and footwear designed to protect the shooter while shooting prone on the ground as well as travelling overland through tall grass and some brush.

**Note:** *Even though there is no prerequisite for this course, students will be expected to know how to load, unload, and clean their rifles as well as clear stoppages in the weapon system they bring. This is not a basic carbine course; much of the time will be spent in the field shooting and not sitting in the classroom covering basic drills. If you do not know how to adjust your scope, zero the knobs, set the zero stop, etc. please bring the owner's manual with you so the instructor can help you get it properly set up.*

### **Additional information/contact information:**

**Tac Pro Shooting Center**

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