



Rob Furlong's Marksmanship Academy

Canada's Premier Shooting School

WWW.RFMA.CA

(587) 990-7468

RFMA JOINING INSTRUCTIONS

PRECISION RIFLE LEVEL II COURSE

WELCOME TO THE ROB FURLONG MARKSMANSHIP ACADEMY

Introduction

Welcome to the Precision Rifle Level II Course, an elite training experience offered exclusively by Rob Furlong's Marksmanship Academy (RFMA). This intensive, immersive four-day course is designed to refine your precision shooting skills under the guidance of world-class instructors. You will be challenged both mentally and physically as you engage in high-level marksmanship training, pushing the limits of your capabilities in a rigorous and disciplined environment. All attending students MUST have completed the RFMA Precision Rifle Level I course as a prerequisite prior to registering for this training.

At RFMA, we do not simply teach shooting—we cultivate masters of precision, tactical awareness, and the disciplined mindset required for long-range engagements. This is not just a course; this is an opportunity to train under the best, with the best.

Your commitment to learning, professionalism, and adaptability will define your success in this program. Come prepared with an open mind, ready to absorb cutting-edge techniques and methodologies that will elevate your skills to the next level.

COURSE OVERVIEW & KEY LEARNING OBJECTIVES.

Elevate Your Precision. Expand Your Capability.

Precision Rifle Level II builds on the rock-solid fundamentals of our Level I course and takes your marksmanship to the next level. Designed for shooters ready to push beyond the basics, this advanced program focuses on real-world application, technical proficiency, and extreme-range engagement. Whether you're preparing for competition, tactical operations, or simply want to refine your craft, this course delivers the tools and training you need to succeed.

In Level II through guided hands-on instruction, you'll develop the ability to quickly adapt and shoot accurately under challenging conditions. You'll also explore the strategic side of precision shooting: how to select the right equipment for your goals, utilize ballistic software, interpret environmental data, and make informed decisions in the field. This course isn't just about pulling the trigger—it's about mastering the science and strategy behind every shot.



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Core Focus Areas & Training Modules:

Ballistics & Environmental Tools

- In-depth lessons into the use of Applied Ballistics Quantum
- Wind reading with Kestrel meters and AB integration of WEZ
- Making accurate data-driven adjustments in the field

Engaging Long-Range & Extreme-Distance Targets

- Shooting effectively out to 1600 meters (1 mile)
- Adapting to elevation, wind, and other environmental factors at distance
- Working in teams with spotters for maximum effectiveness

Target Engagement & Applied Skills

- Moving target drills to develop tracking and lead techniques
- Distance estimation and range-finding techniques
- Wind estimation practices using natural indicators and tools

Personalized Range Instruction

- One-on-one time with instructors for real-time feedback
- Individual coaching tailored to your goals and skill level
- Focused troubleshooting and performance refinement

Advanced Optics & Technology Integration

- understanding your reticle, reticle holds, magnification strategy, and parallax adjustment
- Use of spotting scopes, laser rangefinders, and ballistic computers
- Understanding how to interpret and act on complex data inputs

Bonus Topics Covered:

- In-depth lectures on Kestrel wind meters with Applied Ballistics
- Judging distance with and without tools
- Advanced wind estimation techniques and mirage reading
- Theoretical and practical applications of ballistic computers, LFRs, and spotting scopes



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COURSE DETAILS

- **Location:** RFMA Private Training Facility, Youngstown, Alberta
- **Daily Training Schedule:** 0800-1630 hrs
- **Arrival Time:** 0800 hrs (Day 1)
- **Travel Time to RFMA Facility:** ~25 minutes from Youngstown, Alberta

Instructor Team: Led by Rob Furlong, our cadre consists of highly experienced Military and Law Enforcement snipers, and precision shooting experts who have trained elite personnel worldwide. Expect world-class instruction, cutting-edge training methods, and unwavering commitment to excellence. Visit <https://www.rfma.ca/about-us/instructors/> to learn more about your instructors.

If you have any questions or concerns, contact **Rob Furlong (RFMA, CEO)** directly at:

- **Phone:** (587) 990-7468
- **Email:** robfurlong@rfma.ca

GEAR REQUIREMENTS & PREPARATION

Attire & Personal Gear

You will spend extended periods **outdoors in dynamic environmental conditions**, including **high winds, temperature fluctuations, rain, dust, and mud**. Be prepared for extreme weather shifts.

Recommended Equipment:

- Tactical or hiking boots (No open-toe footwear)
- Weather-appropriate outerwear (rain gear, cold-weather layers)
- Gloves (both shooting gloves and weather-resistant gloves recommended)
- Hat (for sun/weather protection)
- Water bottle (Nalgene bottles, etc.)
- Day pack for carrying gear

Firearms & Ammunition

Your precision rifle setup must meet **minimum accuracy requirements** for long-range applications. **Unqualified rifles or optics will impact your training effectiveness**. Ensure your rifle is properly **cleaned** before arrival.

To ensure the best possible training experience and accurate results during long-range engagements, all students are required to bring the following gear



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Rifle System:

- **Precision Rifle** capable of consistent **1 MOA accuracy** out to **1600 meters (1 mile)**. Your rifle should be zeroed and in proper working order prior to the course.
- **Optic with Tactical-Style Adjustable Turrets**, either **MOA or Mil-based**, with clear, repeatable adjustments and preferably a reticle that matches the turret units (e.g., Mil/Mil or MOA/MOA).
- **Anti-Cant Device** mounted on the rifle to maintain level alignment and avoid shot deviation at long distances.

Ammunition:

- **400 rounds of match-grade ammunition**. All rounds **must be of the same type, grain weight, and manufacturer** to maintain consistency during ballistic calculations.
 - If using **reloaded ammunition**, each round must be loaded with **identical components**—projectile, casing, powder, and primer.
 - If you require match-grade ammunition for the course, **please notify us immediately** so we can assist with sourcing.

Essential Gear:

- **Kestrel 5700 with Applied Ballistics**
- **Applied Ballistics Quautium APP (Pro Level)** downloaded on smart device.
- **Shooting Mat** for prone work
(Available for loan during the course)
- **Shooting Bag** or positional support bag
(Available for loan during the course)
- **Spotting Scope** for target identification and team communication
(Available for loan during the course)
- **Small Calculator** (basic or smartphone app is acceptable)

Field & Note-Taking Supplies:

- **Notebook** along with pens and pencils for course notes.

Maintenance Kit (Required):

- **Rifle Cleaning Supplies** including:
 - Cleaning rod
 - Bore brush/patches
 - Solvent/lubricant



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- Small toolkit for your rifle platform (hex keys, torque wrench, etc.)

Your rifle must be maintained throughout the course to ensure consistent performance.

Failure to meet these equipment standards may limit your training progression. **If you need assistance acquiring gear, contact us immediately.**

APPLIED BALLISTICS QUANTUM – REQUIRED SOFTWARE

At RFMA, we utilize **Applied Ballistics Quantum** as our primary ballistic software system. To ensure you are fully prepared for the course, **all students are required to download the Applied Ballistics Quantum app onto their smartphone prior to training.**

To maximize your learning experience, we **strongly recommend** reviewing the **AB Quantum manual** and related **YouTube instructional videos** before attending. While this is not mandatory, familiarizing yourself with the software in advance will significantly enhance your ability to absorb the fast-paced, high-level instruction provided during our **AB Quantum lectures** throughout the course.

Taking the time to study beforehand will give you a competitive edge and allow you to engage more effectively with the advanced ballistic concepts we cover.

Please visit the link below and bring a printed copy of this manual with you to our course.

https://appliedballisticsllc.com/wp-content/uploads/2025/02/AB-Quantum-Manual_January.pdf

SAFETY PROTOCOLS

Safety is **our highest priority**. Our instructors maintain complete range control at all times, and **absolute adherence to commands is mandatory**.

- **Unsafe actions will result in immediate course dismissal.**
- If you have **concerns about any drill or feel unsafe**, notify an RFMA instructor immediately.
- **Upon arrival, keep all firearms, ammunition, and gear secured in your vehicle** until instructed to retrieve them for inspection.
- All attending students will receive a range safety brief prior to the start of training on Day 1.

ACCOMMODATIONS & TRAVEL INFORMATION

Nearest Lodging Options:

Hanna, Alberta (50 min travel time)



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- Canalta Hanna: [Website](#)
- Canada Grey: [Website](#)

Oyen, Alberta (56 min travel time)

- Canalta Oyen: [Website](#)

Drumheller, Alberta (1 hr 15 min travel time)

- Multiple hotel options: [Search Here](#)

Camping & RV Parks:

- **Blood Indian Park (20 min travel time):** [Website](#)
- **Raval Paradise Motel & RV Park (30 min travel time):** [Website](#)
- **Prairie Oasis Park (50 min travel time):** [Website](#)

Range Facility Directions:

From Youngstown, Alberta

1. Travel **South** on HWY 884 to Township Rd 274
2. Head **West** on Township Rd 274 to Range Rd 103
3. Head **South** on Range Rd 103 to Township Rd 272
4. You will **see the RFMA facility** from the intersection

If you become geographically challenged, contact us at **(587) 990-7468**.

MEALS & NUTRITION

All students must provide their own food and beverages for the entire training duration. **Plan accordingly**—the remote location offers **no on-site catering or nearby food options**.

Preparation Tips:

- **Stock up on supplies the night before.** Small-town businesses open late (0800-0900 hrs), making early-morning food runs impractical.
- **Bring high-energy, nutritious meals** to sustain performance over long days.
- **Water is critical.** The training environment is **extremely dry**—bring ample hydration supplies.



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PHOTOGRAPHY & MEDIA

Photography is encouraged to capture your experience and memories, but must not interfere with training. **Absolutely NO video recording** of lectures, PowerPoint slides, or proprietary training materials. Seek clarification from an RFMA instructor if you are unsure.

Shooter Conduct & Disciplinary Actions

- Students are required to always conduct themselves with a high level of professionalism.
- Strict Adherence to Safety (Safety Brief given on arrival on Day 1)
- Any shooter violating safety protocols will receive one warning.
- Repeated violations or reckless behavior will result in immediate removal from training.
- Alcohol & Substance Policy
 - Absolutely no alcohol or drugs are allowed before or during training.
 - Participants under the influence will be removed immediately.

ADMINISTRATIVE REQUIREMENTS

On DAY 1 (**Meet & Greet**) 0800hrs at RFMA Training Facility, the following forms must be completed prior to training if not already completed online.

- **Personal Information & Emergency Contact Form**
- **Assumption of Personal Risk Agreement**
- **Model Release Form (For Photographs)**

Additionally, bring **two forms of government-issued ID** (PAL, driver's license, or equivalent). Health cards are accepted with an accompanying photo ID.

For any questions before training, email us at info@rfma.ca.

We look forward to seeing you on the range. **Prepare well, train hard, and bring your best.**

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