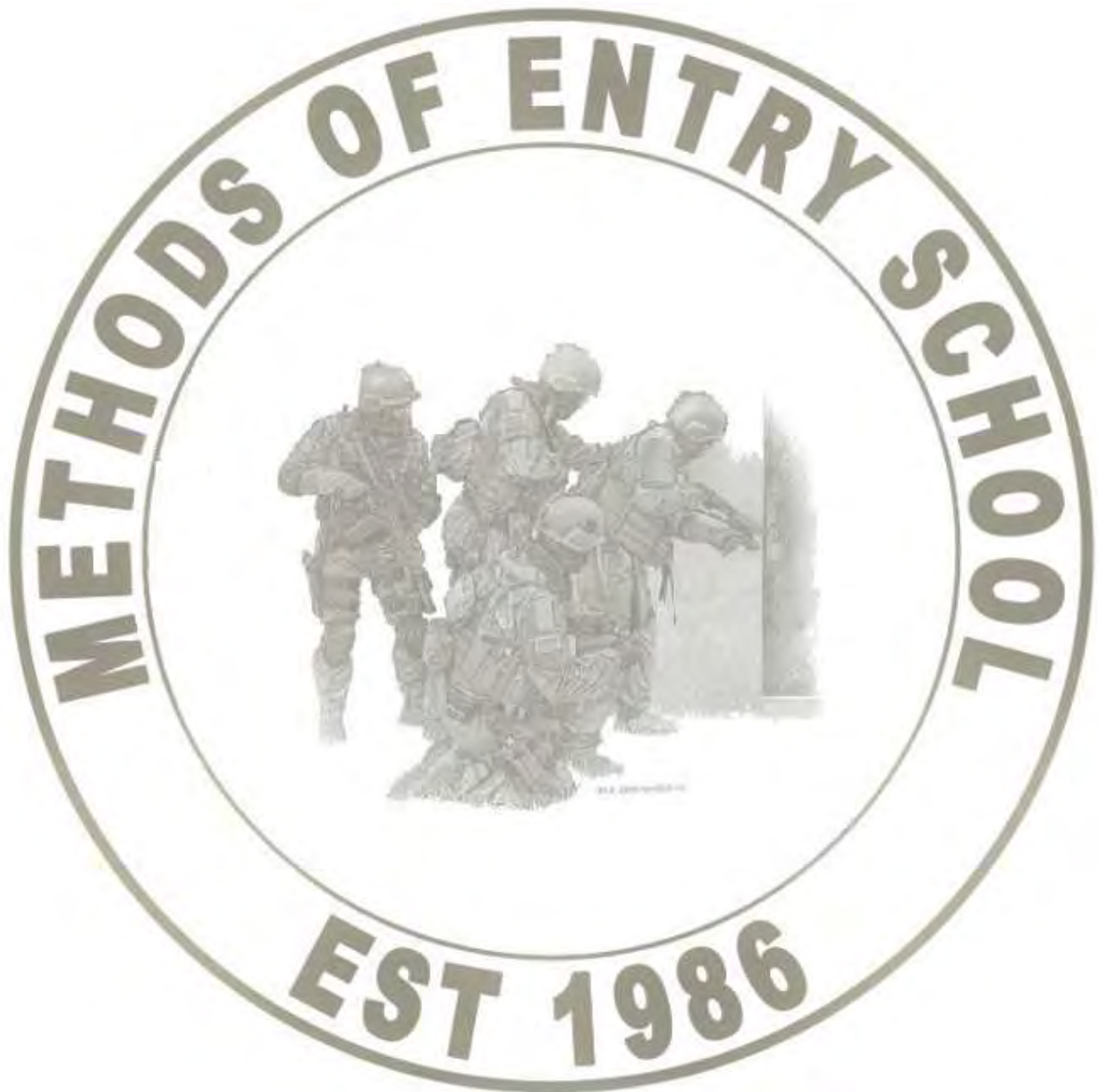


# Methods of Entry Course (MOEC)



**Weapons Training Battalion  
(WTBn), Quantico, VA**

1. COURSE PURPOSE. Provide Commanders with specialized methods of entry capability which include the techniques and procedures of explosive, ballistic, thermal, manual, and mechanical entry methods in support of MARSOC, Marine Corps Security Forces, Military Police, Expeditionary Operations Training Group (EOTG), Reconnaissance, and Marine Expeditionary Units.
2. COURSE SCOPE. This course is designed to train members of MARSOC, Expeditionary Operations Training Group (EOTG), Force Reconnaissance, Marine Security Force Battalions personnel assigned to the Recapture Tactics Team (RTT), Military Police Special Reaction Teams (SRT), and Explosive Ordnance Disposal (EOD) Teams in the planning and preparation of methods of entry, and the selection and employment of explosive, ballistic, thermal, manual and mechanical entry techniques utilized during CONUS and OCONUS operations.
3. COURSE PREREQUISITES/WAIVERS.
  - a. GT score of 110 or higher.
  - b. Minimum 12 months of obligated service upon graduation.
  - c. Commanding Officer must assign the individual to a Breacher billet.
  - d. MOS Requirements: 0307, 0321, 0372, 2305, 2336, 5815, 5816, 8152 or 8154. NOTE, Marines with an 8152 and 8154 MOS will only be allowed to attend the course if they are assigned to Bangor or Kings Bay RTT.
  - e. Completed/signed Methods of Entry School Command Screening Checklist.
  - f. Completed/signed Methods of Entry School medical screening.
  - g. Rank requirements: E4 - E8, WO1 - CWO2, and 2nd Lt - Capt.
  - h. Marines reporting without pre-approved waivers who fail to meet the prerequisites or report without a completed medical screening will be disenrolled and returned to their parent command.
  - i. Units will submit pre-req waiver requests via email to Mr. Bob Bayer, C476 Sponsor, S-3 WTBn, [robert.w.bayer@usmc.mil](mailto:robert.w.bayer@usmc.mil) or (703) 784-6682; waiver example provided on page 9. Waivers are granted on case-by-case basis.
4. REPORTING IN.
  - a. Non-local students will report by 2359 on the course report date for arrival orders endorsement and area orientation. Highly recommend inbound flights arrive early afternoon to facilitate check-in and proper night of rest. Please check-in with the WTBn OOD (WTBn HQ, Bldg #27211) in appropriate civilian attire. Physical address to WTBn is 27211 Garand Road, Quantico, VA, 22134. Student MCC K49, RUC 30903.
  - b. Local students will report in MARPAT's directly to the MOEC classroom on the course convene date. Non-funded original orders are required.
  - c. All students must be seated in the MOEC classroom (Bldg #27241) by 0730 on the course convene date with original orders, copy of flight itinerary (if applicable), signed MOES command screening checklist (page 10), signed MOES medical screening (page 11), completed MOES student data sheet (page 12), note taking gear, hydration container, and this welcome aboard package. Uniform throughout the course and graduation is MARPAT's.
5. LODGING & MESSING.
  - a. Lodging: Government no cost (barracks) lodging is not available or provided. Arrange lodging first at Liversedge Hall (Quantico Military Temp Lodging Facility, 703-784-3149); a non-availability number is required to justify other lodging and settle Defense Travel System (DTS) travel claim. If there is no availability, use DTS for on/off base hotel; MCB Quantico on base commercial hotel is Crossroads Inn (703-630-4444). Students will require daily unit provided transportation to/from lodging and the schoolhouse; i.e. rental car or POV.

b. Messing: Government messing is available. The WTBn Dining Facility (Bldg #27269, Malachowski Hall) is centrally located within the WTBn area. Students must pay the standard meal rate and may use credit or debit for payment. Only local students may use their unit issued meal card; stationed within local commuting area. Weapons are not allowed in the dining facility. Uniform of the day or proper civilian attire required. No PT gear allowed!

WEEKDAY HOURS / COST		WEEKEND & HOLIDAY HOURS / COST	
Breakfast	0530-0730 / \$3.45	Brunch	1000-1130 / \$6.25
Lunch	1100-1300 / \$5.60	Supper	1600-1700 / \$7.65
Dinner	1630-1730 / \$4.85		

6. WTBN MARINE CORPS EXCHANGE (MCX). Limited exchange services and items are available at the WTBn MCX (Bldg #27271-T). There is an ATM machine located next to the MCX. Basic 7-day store items (food/drink, hygiene, rank insignia, etc.) are available. Weapons are not allowed in MCX facilities. Uniform of the day or proper civilian attire required. No PT gear allowed!

**WTBN MCX HOURS**

Monday thru Friday	0600-1800
Saturday & Sunday	0900-1400

7. WTBN GYM. The WTBn gym (Bldg #27200) is one end/side of a converted squad bay located across the street from the WTBn MCX. Standard free weights and various weight/cardio machines are available. Students are expected to clean-up and put equipment back after use. No equipment will be removed from the gym! An outdoor basketball court is available behind the WTBn BEQ.

8. LEAVE/SPECIAL LIBERTY. Leave and special liberty will not be granted. Weekend Liberty Limits are within 300 miles of Quantico; out of bounds will not be authorized. If an emergency situation or personal problem develops, you will inform an instructor immediately. The Schoolhouse SNCOIC will assist students in contacting their parent command in case of an emergency.

9. TRANSPORTATION. Before the last week of training, students will ensure all travel arrangements are made and verified for the return trip to their parent command. This includes transportation from WTBn to the airport; WTBn does not provide transportation to/from airports. Graduation will commence NLT 1100, plan all flights accordingly and allow one hour for travel to the Airport.

10. POV's/RENTAL VEHICLES. Parking for all students is permitted **ONLY** in the barracks parking lot or in the **CENTER** of the main WTBn parking lot. Do not park in any other WTBn area!

11. CHAIN OF COMMAND. The Chain of Command provides a means to account for all students and assist with any issue which may arise. Students will utilize the schoolhouse Chain of Command, students are never authorized to initiate liaison with any WTBn Staff section without permission from an instructor.

a. Students will use the following Chain of Command:

- (1) Primary Instructor.
- (2) Chief Instructor.
- (3) Schoolhouse SNCOIC.
- (4) Schoolhouse OIC.

b. Request Mast. Every Marine has the right to request mast. Students may request mast to the following:

- (1) Commanding Officer, H&S Company.

(2) Commanding Officer, WTBn.

c. WTBn Sergeant Major. Enlisted Marines desiring to speak with the Battalion Sergeant Major will do so by going through a modified chain of command:

- (1) Primary Instructor.
- (2) Chief Instructor.
- (3) Schoolhouse SNCOIC.
- (4) Battalion Sergeant Major.

12. TELEPHONE INFORMATION. Telephone calls of a professional or official nature will be taken by the Instructor Staff and relayed to the student. Emergency calls will be handled as required. Students will not make or receive personal calls via government phones. Pertinent phone numbers are:

- a. Schoolhouse OIC: (703) 432-6718 DSN 378-5527
- b. Schoolhouse SNCOIC: (703) 432-6717 DSN 378-6717
- c. Course Chief: (703) 432-7968 DSN 378-7968
- d. Course Seats/Waivers: (703) 784-6682 DSN 278-6682
- e. WTBN OOD/CP: (703) 784-5341 DSN 278-5341  
WTBN OOD Cell Phone: (703) 675-2273

13. TRAINING AND ACADEMICS.

a. The training schedule for each class gives the time, location, class or activity, and instructor for all training events. Students are responsible to be at the appointed place, at the appointed time, with the required equipment. A copy of the schedule will be posted in the classroom and all students will be provided with a copy during the course in-brief. Updates and changes will be passed by the Course Chief as needed. Failure to follow the training schedule may result in being dropped from the course; based on the situation punitive action may be taken. Absence from training must be approved by the Schoolhouse SNCOIC prior to being absent. Students can miss no more than four hours of instruction during the course.

b. Marines who need to go to sick call will inform their Primary Instructor. Any illness or injury to a student, regardless of severity, will be reported to the Instructor Staff immediately.

c. Your primary goal while attending the course is to show mastery of the knowledge and skills taught throughout the program of instruction. Counseling is conducted if student academic performance is not up to standard. Students who need additional instruction or help will inform their Primary Instructor; ASK AND YOU WILL RECEIVE. One retest is allowed for each testable event. Should a student fail to maintain an 80% average upon being retested, they will be dropped from the course. In addition, failure of three separate graded events will result in being dropped upon failure of the third event. Due to the high risk involved with MOEC training, any safety violation is grounds for an immediate automatic academic review board and likely will result in failure/disenrollment from the course.

14. COURSE CURRICULM & PHASES. The Methods of Entry Course is comprised of the three phases. All students are evaluated via written and performance evaluations prior to proceeding to the next phase of training.

a. **Phase One (Week 1)**, includes a limited visibility breaching scenario and circuit course.

- (1) Introduction to Breaching
- (2) Breacher Responsibilities
- (3) Target Analysis
- (4) Preparing Charge Reports
- (5) Mission Planning
- (6) Manual Breaching
- (7) Mechanical Breaching
- (8) Ballistic Breaching
- (9) Thermal Breaching

b. **Phase Two (Week 2)**, includes a limited visibility breaching scenario and circuit course.

- (1) Breaching Explosives
- (2) Explosive Principles and Theories
- (3) Explosive Hazards
- (4) Priming Systems
- (5) N.E.W and M.S.D. Calculations
- (6) Charge Construct/Employment

c. **Phase Three (Week 3)**, includes all performance evaluation testing scenarios, and culminating limited visibility breaching scenario featuring OCONUS style construction/targetry.

- (1) Charge Construct/Employment (Cont)
- (2) Full Mission Profile Scenarios (2-Days)
- (3) Improvised Charges (Construct/Employment)
- (4) Limited visibility Breaching Scenario (OCONUS)

15. UNIFORMS/EQUIPMENT.

a. Serviceable MARPAT utility uniforms will always be worn. As dictated by the training schedule, issued FROGS will be the uniform of the day. Graduation will be in MARPAT utilizes.

b. Students must bring all required gear, as well as a copy of their **original orders, flight itinerary (if applicable), signed MOES command screening checklist (page 10), signed MOES medical screening (page 11), completed MOES student data sheet (page 12)**. Failure to report with required gear and documents are grounds for dismissal from the course. Failure to meet the course prerequisites without a prior approved/coordinated waiver will result in Marines being returned to the parent command upon check-in.

c. Required Gear List:

- (1) USMC MARPAT Woodland Utility uniform. Students will wear the utility uniform the first and last day of training. Students will be issued Woodland FROGs by the schoolhouse to wear for all other training days.
- (2) Approved USMC boots.
- (3) USMC issued plate carrier with soft armor. You may bring other plate carriers, but the schoolhouse will determine if it can be worn.
- (4) USMC issued helmet; same guidance as plate carriers with regards to other types of helmets.
- (5) Gortex top and bottom; i.e. rain gear.
- (6) Warming layers as appropriate. During the winter months students will be issued MASSIF jackets for a fire retardant warming layer during breaching. Students can wear other warming layers under FROGs as long as the outermost garment is the fire retardant FROG or MASSIF jacket.

(7) Gloves.

(8) Clear or shaded safety glasses meeting the Z-87.1 standard; i.e. Oakley M-frames or ESS glasses from local issue facility.

d. Optional Gear List:

(1) Personal hearing protection; PELTORs or similar.

(2) Personal flashlight or head lamp.

(3) Personal boots; military in appearance.

(4) Personal balaclava.

(5) Hydration container; i.e. Nalgene bottle or CamelBak.

(6) NVG mounts and arms; if you have issued or personal NVG mounts and arms please bring them.

(7) Nomex gloves and Woodland FROGs; if you have them. These will be issued, but ours are heavily used so your gear will be more comfortable.

16. CONDUCT AND BEHAVIOR. Insubordination, disrespect, belligerence, or demonstrations of contempt **WILL NOT** be tolerated and will result in being dropped from the course.

a. Grooming standards will be strictly adhered to by all students.

b. Appropriate civilian attire is required at all times.

c. Smoking is authorized in designated areas only.

d. Field day of the classroom area/head will be conducted at the end of each training day.

e. Always use proper classroom etiquette. Mature behavior is required during classes, ranges, and field exercises. While the exchange of information and questions are encouraged, they must be done in a proper and respectful manner. Students must always remain alert and attentive.

f. Abuse of alcohol or drugs **WILL NOT** be tolerated. Students under the influence of drugs or alcohol during the course **WILL IMMEDIATELY** be dropped from the course and sent back to their parent command. Appropriate disciplinary action can be expected.

g. Any of the following incidents will be considered grounds to be dropped from the course and/or disciplinary action:

(1) Any violation of the UCMJ and/or Civil Law.

(2) Any safety violation or failure of academic testing.

(3) Disrespect to an instructor/WTBn Staff.

(4) Any unfavorable incidents involving WTBn personnel.

(5) Any involvement with Military Police/Civil Authorities.

(6) Alcohol/drug related incidents.

(7) Unauthorized possession of firearms or ammunition.

(8) Late for class or training/missing over 4 hours of instruction.

(9) Failure to follow instructions.

17. WTBN WEBSITE. <https://www.trngcmd.marines.mil/Units/Northeast/Weapons-Training-Battalion/>

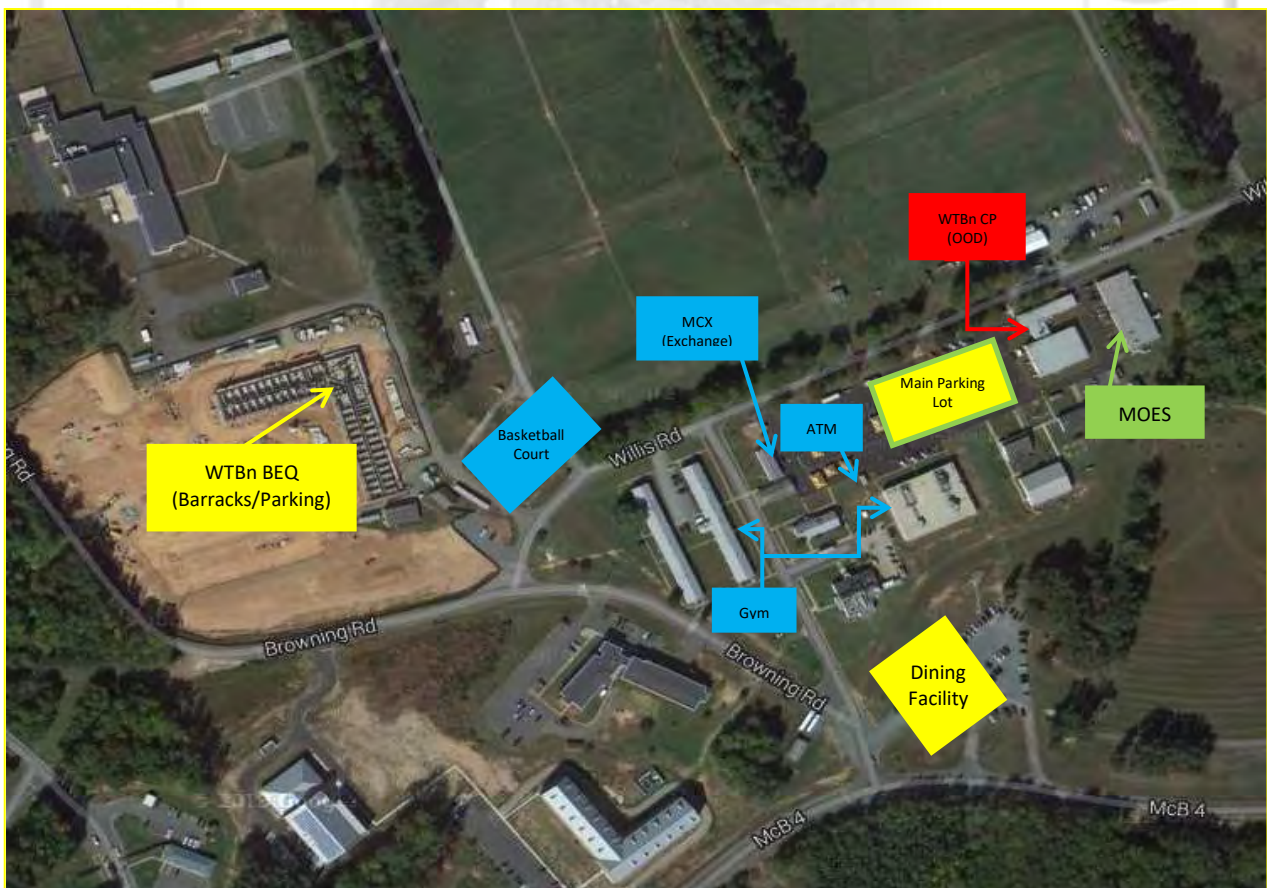
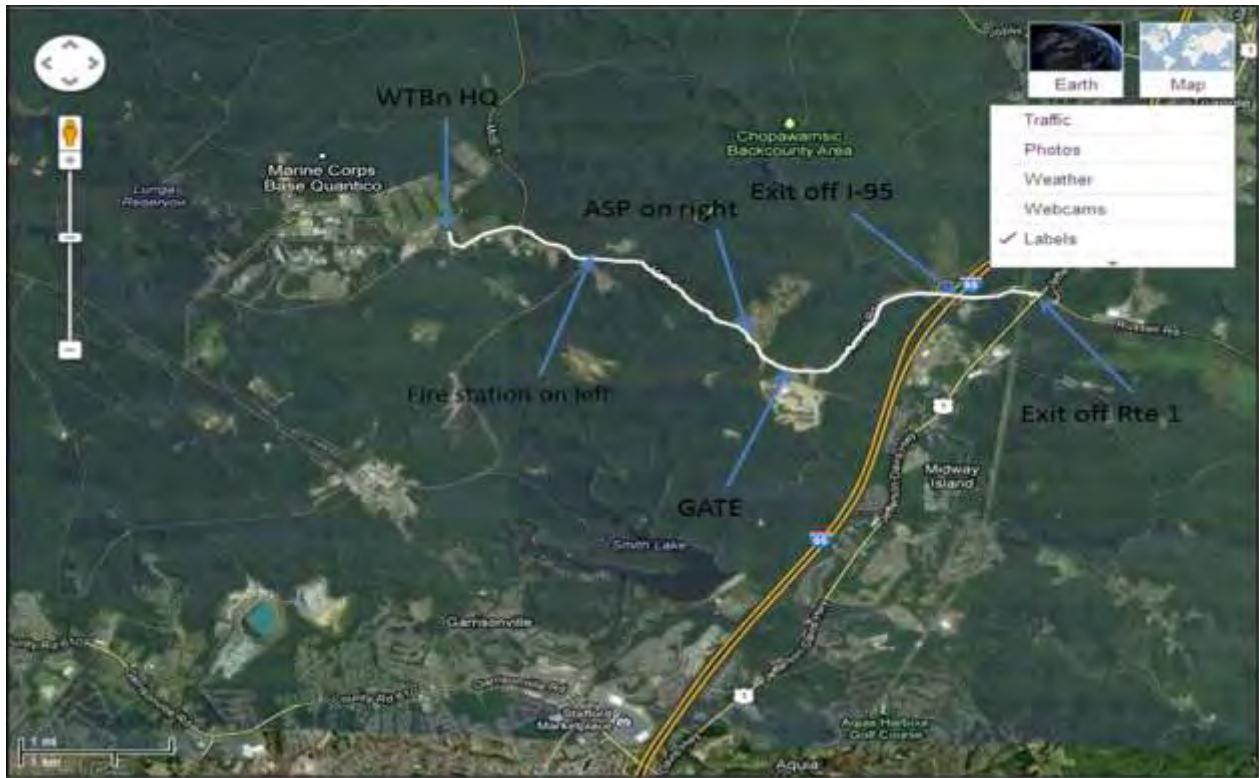
18. DRIVING DIRECTIONS FROM WASHINGTON REAGAN NATIONAL (DCA) AIRPORT.

	DIRECTIONS	DISTANCE
1	Leave Reagan Washington International Airport	
2	Go North on Reagan National Airport Rd	0.2 miles
3	Take George Washington Memorial Pwky North Ramp	1.2 miles
4	Take I-395 S (Richmond) exit on the Right	10.4 miles
5	Continue onto I-95 South	21.5 miles
6	Take exit 148 (Marine Corps Base Quantico) on the right	0.2 miles
7	Turn Right onto Russell Rd, go to gate	0.5 miles
8	Russell Road (becomes MCB-2/MCB-4) to WTBn	2.5 miles
9	Turn right on Walsh Rd into WTBn area (red WTBn sign)	0.2 miles
10	At stop sign turn right on Garand Road then immediate right into parking lot.	0.1 miles
11	WTBn OOD/Command Post (Bldg #27211) is on the end of the parking lot. OOD Phone #: (703) 784-5341. Physical Address: 27211 Garand Rd, Quantico, VA 22134	

19. DRIVING DIRECTIONS FROM DULLES INTERNATIONAL (IAD) AIRPORT.

	DIRECTIONS	DISTANCE
1	Go East on Saarinen Circle	12.8 miles
2	Take I-495 (VA-123, Exit 18-19, Baltimore/Richmond) ramp on the right (toll required)	1.1 miles
3	Take exit 18 (I-495 Richmond/Baltimore) on right	0.1 miles
4	Take I-495 S (Richmond, Alexandria) ramp on the right	10.4 miles
5	Take exit 57A (I-95 S, Richmond) on the right	0.6 miles
6	Take I-95 S (Richmond) ramp on the right	9.7 miles
7	Continue on I-95 S	12.7 miles
6	Take exit 148 (Marine Corps Base Quantico) on the right	0.3 miles
7	Turn Right onto Russell Rd, go to gate	0.5 miles
8	Russell Road (becomes MCB-2/MCB-4) to WTBn	2.5 miles
9	Turn right on Walsh Rd into WTBn area (red WTBn sign)	0.2 miles
10	At stop sign turn right on Garand Road then immediate right into parking lot.	0.1 miles
11	WTBn OOD/Command Post (Bldg #27211) is on the end of the parking lot. OOD Phone #: (703) 784-5341. Physical Address: 27211 Garand Rd, Quantico, VA 22134	

20. WEAPONS TRAINING BATTALION (WTBN) MAPS.





Methods of Entry Course (MOEC) Prerequisite Waiver Example

Command/Unit Letter Head

1500  
XXX  
18 Dec 19

From: Commanding Officer, 1st Marine Unit  
To: OIC, Methods of Entry School

Subj: REQUEST PREREQUISITE WAIVER FOR METHODS OF ENTRY COURSE ICO  
SERGEANT IDA B. MARINE 1234567890/0321

1. SNM does not meet the Methods of Entry Course (MOEC) prerequisites as per the MOEC command screening checklist. It is requested that SNM be granted a GT score waiver for the following reasons:

a. Sergeant Marine is in a Sergeant Billet and was deployed to Afghanistan in 2007, 2008, and 2009 in a leadership capacity. (rank example)

b. SNM shows tremendous leadership, initiative and maturity, etc. (rank example)

c. SNM will be filling a breacher billet within his unit. (rank/GT score example)

d. SNM has attended Free fall, SERE, SNCOA, Sergeants Course, Special Reaction Team Leaders Course, etc. (GT score example)

**(NOTE:** Request should include justification beyond points listed above. Tell us in plain language what waiver is needed and why you need it, explain why you can't send Marines who meet pre-req's. Lack of substantiating justification is grounds for immediate denial.)

2. I certify these conditions to be true and factual. These are in keeping with my certification as denoted on the command screen checklist.

3. The point of contact at this command is (OIC or SNCOIC) Capt Incharge at ima.incharge@usmc.mil or (XXX) XXX-XXXX.

I.B. COMMANDING

**Methods of Entry Course (MOEC) Command Screening Checklist**

WAIVERS: Note, waivers must be sent at least two weeks prior to course convene date. Requests must be signed by Company CO and will include strong justification. Please send via email to Mr. Bob Bayer, C476 Sponsor, S-3 Ops, WTBn Quantico, (703) 784-6682, [robert.w.bayer@usmc.mil](mailto:robert.w.bayer@usmc.mil). Waivers are granted on a case-by-case basis.

<b>NAME:</b>		<b>DODID/MOS:</b>	
<b>RANK:</b>		<b>UNIT:</b>	
<b>EMAIL:</b>		<b>OPS CHIEF/CONTACT:</b>	
<b>PREREQUISITES</b>		<b>Yes/No</b>	<b>TRAINING CHIEF SIGN/PRINT/DATE</b>
1.	Rank: E4-E8, WO1-CWO2, O1-O3? If NO, has rank waiver been approved?		
2.	Holds the MOS of 0307, 0321, 0372, 2305, 2336, 5815, 5816, 8152, 8154? <b>* NOTE: 8152/54 must be MCSFBn RTT. MOS waivers are discouraged but may be honored based on unit mission.</b>		
3.	Has (ASVAB) GT score of 110 or higher? NO, GT waiver approved?		
4.	Has 12 months of service remaining on current contract?		
5.	Assigned to a breacher billet?		
6.	Completed MOEC Student Medical Screening, signed by Medical Officer; this includes has a current PHA?		
7.	SNM will report with this signed command screening checklist, signed medical screening, original orders, and copy of flight itinerary. <b>* NOTE: Reporting without any of above/completed will result in immediate return to parent command.</b>		

Commanding Officer Certification Statement:

I understand MOEC is high risk training (HRT) and certify this individual is mature, responsible, stable and trustworthy. This individual has been screened and has no history of drug or alcohol abuse, disciplinary problems, or medical issues (such as TBI) that would preclude attending. I further certify that this individual will be holding a primary or collateral billet as a Breacher within my command, and as such, I will ensure they are held accountable to all related orders and directives.

CO Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Print Name: \_\_\_\_\_ Rank: \_\_\_\_\_

MOEC High Risk Training (HRT) Medical Screening Form

STUDENT: \_\_\_\_\_  
 Rank      Last Name, First Name MI.      Date

(Screening <b>MUST</b> be completed by a <b>Medical Officer</b> )		
	YES	NO
1. Is SNM currently on full duty, with a current PHA? <i>(note: Student must be full duty, with a current PHA, to attend the course)</i>	<input type="checkbox"/>	<input type="checkbox"/>
2. Does SNM have any injuries that would prevent him/her from conducting High Risk Training? (i.e., chronic injuries causing reduced mobility)	<input type="checkbox"/>	<input type="checkbox"/>
3. Has SNM been diagnosed as having suffered more than one Grade-2 concussion?	<input type="checkbox"/>	<input type="checkbox"/>
4. Has SNM ever suffered a head injury resulting in unconsciousness, memory loss, and/or frequent or severe headaches? If so, explain (i.e., time frame, circumstances, extent of injuries, follow-on care required). _____ _____ _____ _____	<input type="checkbox"/>	<input type="checkbox"/>
5. Has SNM ever been hospitalized for Traumatic Brain Injury (TBI)?	<input type="checkbox"/>	<input type="checkbox"/>
6. Has SNM ever received follow on medical treatment for TBI?	<input type="checkbox"/>	<input type="checkbox"/>
<p><b>Note for Medical Officer conducting screening:</b> If <i>YES</i> on lines 3-6: research indicates that individuals can become "sensitized" to the effects of blast overpressure due to previous injury, thereby increasing the possibility that they could be re-injured by exposure to overpressure levels that would normally be considered safe. An affirmative answer to any question on lines 3-6 should disqualify a Marine from attending this course due to the possibility of re-injury from repeated exposure to the low levels (&lt; 4 PSI) of overpressure that will be encountered during training.</p>		
<p>I have screened SNMs medical record, per OPNAVINST 1500.75B, and <u>found</u> / <u>did not find</u> evidence of medical history or a current condition that would prohibit him/her from attending the Methods of Entry Course (MOEC), a High Risk Training (HRT) Course, during which this individual would be repeatedly exposed to small amounts (&lt; 4 PSI) of blast overpressure. As a result of this screening, I</p> <p style="text-align: center;"><input type="checkbox"/> RECOMMEND      <input type="checkbox"/> DO NOT RECOMMEND</p> <p>this individual attend Methods of Entry Course High Risk Training (HRT) during which they would be repeatedly exposed to small amounts (&lt; 4 PSI) of blast overpressure.</p>		
<p><b>Medical Officer Rank/Print Name:</b></p> 		
<p><b>Medical Officer Signature:</b></p> 	<p><b>DATE:</b></p> 	

Methods of Entry Course (MOEC) Student Data Sheet

NAME: \_\_\_\_\_ RANK: \_\_\_\_\_  
Last First MI

CLASS NUMBER: \_\_\_\_\_ START DATE: \_\_\_\_\_ GRAD DATE: \_\_\_\_\_

DODID/MOS: \_\_\_\_\_ / \_\_\_\_\_

CURRENT BILLET: \_\_\_\_\_

UNIT ADDRESS: \_\_\_\_\_

COMPANY 1ST SGT/SNCOIC Name: \_\_\_\_\_

PHONE Number: \_\_\_\_\_

UNIT S1 PHONE NUMBER (DSN if OCONUS): \_\_\_\_\_

TIME/DATE REPORTED MOES: \_\_\_\_\_ / \_\_\_\_\_

PLANNED TIME/DATE DEPARTING MOES: \_\_\_\_\_ / \_\_\_\_\_

IDENTIFY PAY, TRAVEL PROBLEMS, ETC: \_\_\_\_\_

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