

METAL DETECTOR OPERATORS COURSE

MASTER LESSON FILE 4A

Information Sheet

Overview: This course will teach personnel the skills necessary to operate metal detectors in an IED environment.

This course will be continually updated to reflect the evolving threat, friendly TTPs, and unit training requirements. Student feedback, Marine Corps Center for Lessons Learned submissions, and unclassified operational reports will be used to maintain the relevancy of this course.

Concept: This course requires 8 hours of training time (approximately 2 hours lecture). The course Enabling Learning Objectives are:

1. Describe how metal detectors function.
2. Describe the difference between mine and metal detectors.
3. State the capabilities and limitations of metal detectors.
4. State general information of the metal detector.
5. Demonstrate the assembling and disassembling of the metal detector.
6. Demonstrate operational procedures of the metal detector.
7. Demonstrate proper sweep techniques for the metal detector.
8. Given a metal detector, locate metallic objects.
9. Given a metal detector, perform investigation to confirm procedures.

Target Audience: Private to Sergeant but relevant to all personnel who will be operating metal detectors in an explosive hazards environment. Optimal class size of 20 students; limited by available training assets, metal detector lanes, and training time available. Early coordination with MTC Site Lead can facilitate resolution of conflicting requirements for training resources.

Logistics (Requesting Unit Responsibilities): To ensure the target audience is prepared to safely and successfully complete this block of instruction, the unit requesting training ensures the following are verified/provided:

1. RSO and OIC.
2. Safety Vehicle.
3. Corpsman present at the training site.
4. Adequate communication equipment to maintain command and control within the unit as well as positive communication with range control.
5. PPE.
6. Personal weapons and binoculars as required.
7. Note taking materials.
8. Chow/water as required.
9. Troop leaders with a working knowledge of squad level patrolling.
10. Student transportation to and from training areas.
11. Reserved classrooms/metal detector lanes.
12. Confirm scheduled training with the lead CIED instructor 48 hours prior to training.

Coordinating Instructions

POCs for Scheduling Training:

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