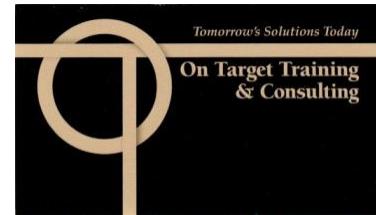


## On Target Training: ARMER End-User Radio Trainer (Train the Trainer) Initial

- Time required: 16 hours (2 days)
- Course Deliverables:** 2-day training classes provided to students for their use in delivering ARMER End User radio training to others. Training is designed to cover the ARMER system, including basic characteristics and functionality. The instruction will also include subscriber functionality on the system. Students are provided with certification of course completion and POST certification where applicable.



- On Target syllabus/course curriculum outline:

### A. ARMER System Overview

- History, concepts and governance
- Local, Regional and Statewide system build-out
- Progress to date
- APCO Standards

### B. 700/800 MHz Digital Trunked Radio System

- Radio 101, P25 Trunking 101 (recap)
- Coverage maps (local subnetwork, sites)
- Reliability and redundancy
- System failures; Site Trunking, Failsoft
- Fleet map design and layout; Talk Groups, Priorities
- Naming conventions
- Trunked resource allocation; Site affiliations; Busies
- Conventional resource allocation
- Interoperability issues
- Policies, procedures and governance
- NIMS/ICS concepts

### C. Portable and Mobile Radio Operation

- Radio features: Display, Menu, Button and Switch functions
- RSSI and Out of Range indicators
- Talk Groups; Talk Permit, System Busy, Callback
- General Radio Operations
- Advanced features
- Scanning
- Encryption
- Emergency Alert
- Accessories: Battery/Charger, Antenna, Speaker Mics
- Maintenance
- Dispatcher console operations

**D. Scenario-based Exercises**

- Normal operations
- Critical incidents
- Table top exercise
- Training for new trainers; basic introduction to perform effective training
- Class Participants lead training exercise

**E. Effective Presentations**

- Students are required to “teach back” various topics back to their peer group to ensure good understanding of the subject matter, as well as verify their capabilities and comfort level with the instruction process

**F. Course Prerequisites**

- Radio 101
- Trunking 101, Statewide networks
- Interoperability 101
- Basic Motorola mobile and portable radio usage