# Public Safety Equipment List

**April 2025**

## Recommended Equipment List

### Safety

* First Aid Kit
* Fire Extinguisher
* Gloves
* Facemasks
* Eye protection
* Respiratory protection

### Classroom Instruction

* Whiteboard or smartboard for scenario building
* Computer workstations, laptops, or iPads
* Printer
* Digital Cameras
* Video Camera
* Headsets with microphones for voice simulation
* Dual monitors if possible (one for CAD, one for maps or protocols)
* APCO course materials and testing modules
* Digital clock/timer (for dispatch pacing drills)
* Virtual Reality (VR) or AR Tools for simulations (optional)

### CPR Certification Equipment List

* Manikins, Adult CPR Manikins (With feedback devices (rate, depth, chest recoil) – required by AHA as of 2019), Quantity: 1 per 2-3 students recommended
* Child CPR Manikins (Optional but recommended), Smaller torso and airway, Quantity: 1 per 4-6 students
* Infant CPR Manikins, with head-tilt and realistic chest compression resistance, Quantity: 1 per 3-4 students

### AED Training Equipment

* AED Trainer Units, (\*Must NOT deliver real shocks—trainer only), Simulated automated external defibrillators with pads, should include both adult and pediatric pads, with wireless remotes help instructors change scenarios

### Airway & Breathing Supplies

* Lung Bags for Manikins, disposable lungs, or airways for each student
* CPR Pocket Masks (Adult and Infant), with one-way valves, reusable with disposable filters
* Bag Valve Masks (BVMs), adult, child, and infant sizes (with face masks)
* Face Shields or CPR Barriers, low-cost, single use, for mouth-to-mouth practice

### Instructor & Classroom Supplies

* CPR Feedback Monitor (if not built-in), some manikins come with real-time compression feedback; others may need an external device
* Manikin wipes or disinfectant spray
* Gloves (non-latex for allergies)
* Paper towels and hand sanitizer
* Skills check-off sheets
* Written test and answer keys
* Projector or TV Monitor, for showing AHA or Red Cross instructional videos

### First Aid Certification Equipment List

* First Aid Training Kits, can be pre-made or assembled to include: Triangular bandages (sling and splint practice), roller gauze and elastic bandages, sterile gauze pads and dressings, adhesive bandages (Band-Aids), splints (SAM splints or cardboard), medical tape, gloves (non-latex), instant cold packs, burn dressings (simulated), CPR mask (shared with CPR practice), eye wash bottles
* Pulse Oximeter, Glucometer (demo only)
* Inhaler Trainer Device (Spacer + MDI)
* Anatomical Body Charts or Posters for teaching locations of injuries, burns, etc.
* Scenario Cards for First Aid, e.g., bleeding control, seizures, choking, heat stroke, fractures, etc.

### Optional for CPR and First Aid Training

* Choking Trainer Vest (e.g. Act+Fast Trainer)
* EpiPen Trainer (Demo model no needle, no medication)
* Naloxone (Narcan) Trainer Kits
* Nasal spray trainers for opioid overdose scenarios
* Wound Simulation Kits
* Fake blood, moulage, mock wounds for trauma scenarios
* Portable bins or rolling cabinets
* Clearly labeled manikin storage
* Separate clean/used gear zones for infection control

### Law Enforcement

* Traffic safety gear (reflective vests)
* Hearing protection
* Duty belts with mock equipment (handcuffs, flashlight, training radio)
* Impairment Googles
* Fingerprint kits (ink, cards, or digital scanner for demos)
* Crime scene investigation kits (tape, markers, evidence bags, measuring tools)
* Evidence collection kits (Bags, gloves, tweezers, swabs, sterile containers, labels)
* Magnifying glasses
* Traffic cones and signs (for mock traffic stops or DUI checkpoints)
* Notebooks, citation pads, and report forms (practice paperwork)
* Body cameras (demo models or decommissioned units)
* Radios or communication headsets (can be real or simulation tools)
* Use of Force Continuum Chart
* Vehicle Search Trainer or Mock Trunk Setup
* Demo body armor, helmets, riot gear

### Fire Fighting Equipment

* Fire turnout gear (coats, pants, helmets, gloves, boots – use expired or demo sets)
* SCBA packs (can be expired units for training or demo sets)
* Miniature Fire Behavior Demo Kits
* Fire hoses (sectioned for use, not necessarily pressurized)
* Hose nozzles, hydrant wrenches, and adapters
* Fire extinguishers (real or simulator models for drills)
* Oxygen tank
* Smoke machine or fogger (for low-visibility training scenarios)
* Rescue dummies or manikins
* Back Board, stretcher (EMS)
* Ropes and pulleys for basic search & rescue exercises
* Thermal Imaging Camera (TIC), (non-functioning or demo model for familiarity)
* Halligan Tool / Pike Pole (training versions)
* Pry Bar
* Crowbar
* Sledgehammer
* Bolt Cutters
* File set, flat
* Saw, chain, Circular,
* Saw, hacksaw and blades
* Toolbox with basic tools
* Fire behavior model kits or virtual simulation software (EDM FireSim, 2D/3D simulation software for fireground command and fire behavior scenarios)
* Ladders, 10’, 24’ extension, 35’ extension
* Hydraulic Jack

### Public Safety Telecommunicator Equipment

### Incident Data Systems & CAD Software

* CAD Simulation Software, e.g., Virtual Academy CAD Simulator or partnership with APCO, Use Google Sheets or Excel to Build a Simulated CAD/RMS, or Simulate Call Flow with Google Forms
* Computer Workstations with Dual monitors (CAD + mapping/phone interface), Keyboard with numeric pad (to simulate data entry in real PSAPs)
* Mock RMS (Records Management System), can be built in Google Sheets/Excel if CAD does not include this (Used for case log entries, notes, updates)

### Mapping & Situational Awareness Tools

* GIS Mapping Software or Interactive Maps, Free: Google Maps (with overlays), ArcGIS StoryMaps (education version) or Printed maps of your mock jurisdiction with zones, sectors, units
* Incident Simulation Kits, Scenarios with maps, units, incident types (paper or digital)
* Large Wall Maps or Projected Interactive Maps

### Communication Systems & Radios

* 2-Way Radio Consoles (Real or Simulated), e.g., handheld radios (Motorola/BAOFENG) Or VOIP-based simulators *like Zetron, Avtec Scout* (if budget allows)
* Radio Dispatch Console Simulator (software-based)
* Radio Scripts & Transcripts, (Practice proper radio etiquette, 10-codes, phonetic alphabet, unit IDs)
* Backup Communication Simulation, use walkie-talkies or smartphone radio apps to simulate comm failures & backups

### Telephone Systems

* VoIP Phone System or Simulated 911 Call Platform, recordings for playback/critique (built-in or use third-party apps)
* TTY/TDD Emulator Software, *Nextalk.net (free online)* or *TTY emulator apps* to simulate communication with hearing impaired callers
* Printed TTY conversation samples
* 911 Call Simulation Scenarios, Audio files or scripted live calls

### Emergency Alerts & Public Warning Tools

* Mock Alert System Interface, Create “training alerts” for: AMBER, Severe weather, Public Safety Emergencies
* Weather Radio or Alert System Display**,** Simulate NOAA alerts or integration with CAD, Scenario Cards for Alert Activation, Trigger conditions

### Next-Gen 911 (NG911) Technology Tools

* Multimedia Communication Simulator, with sample video/text/image submissions (used in NG911)
* Telematics & OnStar Demos, simulated crash data, automatic vehicle location pings, Car crash scenarios with GPS lat/long coordinates
* Broadband and Interoperability Charts, printed or digital visual aids showing how state and federal systems link

### Cybersecurity Tools

* Cyber Hygiene & Security Training Platform, use free cybersecurity training (e.g. *NICCS*, *Cyber.org*, *STOP.THINK. CONNECT.*)
* Network Security Basics Kit, simulate login credentials, breach response, password protocol
* Privacy & Data Protection Policy Templates, Sample acceptable-use policies, Simulated breach response

### Maintenance & System Readiness

* Daily Equipment Checklist, Printable forms or digital logs to simulate PSAP prep/shift handoff
* Troubleshooting Practice, simulated “downtime” scenarios where students manually take notes, switch to paper logs, use backup phones
* Mock Equipment Room Setup, Label tools and technology with check tags (e.g., "CAD Workstation 3 – Operational")