

PA Department of Health EMS Education Institute Accreditation Education Institute Equipment Form

_____ **EMS Education Institute Name** _____ *Date Inspected* _____

_____ **County of Training Institute** _____ **EMS Education Institute Accreditation #** _____ **Region #** _____ **Inspected by** _____

Types of Programs Conducted:

- EMR EMT AEMT BLS ONLY
 Paramedic ALS ONLY ALS and BLS

The following equipment is based on 24 students per class. Student to instructor ratio for equipment and supplies is 6:1, unless otherwise indicated. Multiple courses being held simultaneously require additional documentation from the EMS Education Institute.

1. A Pennsylvania Accredited (which would therefore also encompass a nationally accredited) EMS Educational Institute must have all equipment/supplies as required and agreed upon to initially become and continue as per updated requirements as an EMS Educational Institute.
2. Satellite sites with not more than 20 students must have all appropriate equipment/supplies on-site for the particular session that is being covered on a specific date, time and location, and is indicated and necessary for instructor demonstration and/or student practical skills session, whatever is appropriate.
3. Additionally, sufficient equipment/supplies for practical skills that were already covered, i.e. CPR Manikins for example in addition to other equipment/supplies, need to be available in adequate numbers to assure on-going student practice of items already covered, in addition to the current topic, as the course progresses. While as many manikins (or quantity of certain equipment/supplies) that were initially required for sufficient exposure and practice may not be necessary, this will assure that all students have an adequate opportunity to continually practice what they have already learned in order to better prepare them for their upcoming psychomotor examination and more importantly for serving in the field.
4. Spot inspections can and will occur at any Pennsylvania Accredited EMS Educational Institute and/or satellite sites when and where decided to proactively assure proper instructional staff and equipment/supplies compliance.

A BLS EMS Education Institute that is requesting to instruct AEMT courses, must have sufficient supplies to meet the psychomotor skills for that level within the National AND State Scope of Practice. Equipment listed in BLUE, bold and italicized is for ALS Paramedic programs. ALL other equipment is mandatory for BLS Institutes.

Equipment Item	Required Quantity	# of Excellent Units	# of Good Units	# of Fair Units	Comments:
<i>Advanced Airway Adjuncts:</i>					
Airway/ (King LT,LMA, etc) supraglottic	2				
Airway/esophageal (2.5 mm to 9.0 mm)	1				
Cricothyrotomy Kit	2				1:24 students
Cricothyrotomy O2 Delivery System	1				1:24 students
Gastric decompression-NG tube	1				1:24 students
<i>Intubation Roll or Kit: There should be 2 intubation rolls or kits with each of the items listed below.</i>					
Intubation Roll or Kit	2				
Glidescope/ T-MAC device or Similar (not required but note if available)					1:24 students
Laryngoscope Handle	2				
blades for Adult and Pediatric, both Miller and Mac	Sufficient				
variety cuffed/uncuffed ET tubes	Sufficient				
10 cc syringe	1				
Adult/Pediatric Stylets	1				
Adult/Pediatric McGill Forceps	1				
ET Tube Holder/ Commercial	2				
1" Tape	2				
KY Jelly Type lubricant	Sufficient				
Silicone lubricant	2				
<i>Oxygen Delivery Equipment:</i>					
Oral Airway Kit sizes 0 through 5	4				
Nasal Airway Kit at least 1 -16-24 fr and 1 26-34 fr.	2				
esophageal-trachea airway (all sizes)	2				
Multi-Lumen Airway (all sizes)	2				
O2 Case or bag	4				
Non-Rebreather Mask (adult and peds)	4				
Venturi mask and Tracheostomy mask	2				
Nasal Cannula (adult and peds)	4				
O2 Tubing	4				
Adult Bag Valve Mask	4				
Child/Infant Bag Valve Mask	4				1:12 student ratio
O2 Bottles (filled) (size "D" or "E")	4				
O2 Regulator (capable of 25Lpm or >) and 50 psi connector	4				
O2 Regulator Demand Valve	1				
Flow-restricted Demand Valve	1				
O2 Keys, Spare "o" rings (non-sparking wrench)	Sufficient				
Pocket Mask (w/One way valve & O2)	4				

O2 Humidifier	1				1:24 student ratio
sterile water of Normal saline for the humidifier	1				
<i>CPAP/BiPAP unit (mandatory for ALS Inst)</i>	1				1:24 student ratio
<i>CPAP/BiPAP circuits with various size masks</i>	1				
<i>Suction Equipment:</i>					
Battery Operated Suction Unit/ capable of 300 mm/hg in 4 sec.	2				1:12 student ratio
Charger for suction unit	2				1:12 student ratio
Suction Catheter Rigid Tip	2				1:12 student ratio
Suction Catheter French Tip (must have sizes 6 through 16)	2				1:12 student ratio
Meconium Aspirator	1				1:12 student ratio
Suction Tubing/ wide bore	2				1:12 student ratio
V-Vac, Bulb Syringe, Other non-powered suction device	1				1:12 student ratio
<i>Other equipment:</i>					
<i>Positive Pressure ventilation</i>					
Automated Transport Ventilator Unit	1				1:12 student ratio
Manually-Triggered Ventilator	1				1:12 student ratio
<i>Chest Decompression Kit</i>	1				1:12 student ratio
<i>Chest tube kit (for assist only and gravity devices)</i>	1				1:12 student ratio

Equipment Item	Required Quantity	# of Excellent Units	# of Good Units	# of Fair Units	Comments:
Cardiac Monitor Defibrillator *(12 lead capable)/synchronized ca	1				1:12 student ratio
Automatic External Defibrillator **	1				
Pacing/ Rhythm Generator	1				1:12 student ratio
End Tidal CO2 monitoring Capnography	1				1:24 student ratio
continuous waveform	1				1:12 student ratio
Thrombolytic/fibrinolytic initiation/ monitoring	1				1:24 student ratio
<p>* - The cardiac monitor should have paddles or be hands off in nature. It should be capable of doing external pacing , cardioversion ,and monitor a minimum of 3 leads.(preferable 12 lead capable) There should be defibrillator pads, monitoring electrodes, paper and spare batteries in sufficient quantity and quality to provide a quality educational experience for the student. Can be monophasic or biphasic. There should be a central battery recharging system accessible at all times.</p> <p>** - The AED should be either live or placebo in nature. If "live", it should have a training mode or a method of diffusing energy safely for training purposes (in accordance with manufacturers recommendations. In accordance with PA DOH Policies, all AED's should be 2010 AHA Compliant OR the most recent approved version.</p>					

Equipment Item	Required Quantity	# of Excellent Units	# of Good Units	# of Fair Units	Comments:
Bag or Carrying case There should be 4 patient assessment kits, contain each of the items listed below.					
Bag or Carrying case	4				
BP Cuff (manual) can have NIBP additional	1				
Stethoscope	1				
Dual "training" Stethoscope	2				
Pen Lights	1				
Unsterile dressings (3x3 or 4x4)	Sufficient				
Sterile dressings (4x4, 8x10)	Sufficient				
Lg. Trauma and Burn Dressings	Sufficient				
Roller gauze or Kling (2" - 6")	Sufficient				
Occlusive dressing	1				
Pen and Documentation pad	1				
Scissors (Trauma or Bandage)	1				
Oral Glucose (single use tube)	1				
Blood Glucose monitoring equipment	1				
Cold Packs	1				
Hot Packs	1				
Alcohol preps (25 packets)	1				
KY Jelly/ water soluble lubricant	1				
Tongue blades	1				
Adhesive tape (1" - 2")	Sufficient				
Triangular Bandages (cravats)	4				
Thermometer	1				1:12 student ratio
pulse oximeter (CO capable optional)	1				
commercial tourniquet	1				1:12 student ratio
<i>Morgan Lens/ eye irrigation</i>	1				1:12 student ratio
* - Each bag or carrying case should include the items listed below. Each item should be in good working order and of sufficient quality to be used in field work. There will be a total of 4 bags containing each of the items listed below.					

Equipment Item	Required Quantity	# of Excellent Units	# of Good Units	# of Fair Units	Comments:
Adult Intubation Manikin	2				
Infant Intubation Manikin	2				
Adult CPR (Torso or Full Manikin) (should have a mankin that can receive a defibrillation)	2				should comply with recommendations 1:12 students
Child CPR (Torso or Full Manikin)	2				should comply with recommendations 1:24 students
Infant CPR	2				should comply with recommendations 1:12 students
Defibrillation Skin *	2				
IV Arm	2				
Obstetrical simulator	1				1:24 students
<i>Chest Decompression simulator</i>	1				1:24 students
<i>Cricothyrotomy simulator</i>	1				1:24 students
Combination (Code/Trauma)	1				
IO Manikin (or other resource)	1				
Additional: (list below)					
Dual "training" Stethoscope	2				
Bottle of Nitroglycerin placebo **	4				
Nitroglycerin Spray placebo **	4				
Unit dose Auto - Injector Pen(s) simulator placebo **(for peer and self administration)	4				
Inhaler placebo **	4				
Oral Glucose (for demonstration)	1				
Aspirin placebo	1				
Football Helmet	1				1:24 students
Motorcycle or Bicycle Helmet	1				1:24 students
Moulage Kit w/ Supplies	1				
Placebo Drug Kit **	1				
<i>indwelling catheters and implanted central IV port access</i>	1				
Mechanical CPR device (optional)	1				
* Defibrillation skin should be compatible with the Adult CPR Manikin and in good working order. Or a mankin that can receive a defibrillation. A High Fidelity Simulator can be in place, however a separate simulator must be available for any skill that the High Fidelity simulator cannot perform)					
** Medication Placebo's should be clearly marked as not being intended for actual medication. The use of candy or breath freshener is encouraged to ensure safe handling. All appropriate precautions should be taken to ensure that no medication is actually capable of being delivered inadvertently.					

Equipment Item	Required Quantity	# of Excellent Units	# of Good Units	# of Fair Units	Comments:
Obstetrical Kits - disposable	4				
Skeleton	1				1:24 student ratio
Anatomical Charts or models (can be met with skeleton or slides as well)	1 set				1:24 student ratio
TV and VCR/ DVD/ computer/ CD	1				
Overhead and slide projectors/ LCD	1				
Writing board surface(chalk, white or SmartBoard)	1				
Videotapes/Films/Slides/ DVD and PowerPoint or CD	Sufficient				
Other media adjuncts (describe type and number)	Sufficient				1:24 student ratio
Vehicle Rescue Tool Set(can be an agreement/ loaner)	1				1:24 student ratio
Stair Chair	1				1:24 student ratio
Orthopedic Stretcher	1				1:24 student ratio
Reeves Stretcher	1				1:24 student ratio
Wheeled Stretcher	1				1:24 student ratio
Burn Sheets	Sufficient				1:24 student ratio
Patient Care Reports/ or electronic based demo	Sufficient				1:24 student ratio
Length based pediatric tape approved by the DOH.	1				1:24 student ratio
Intranasal training supplies	1				1:24 student ratio
Emergency Response Guidebook	Sufficient				
triage tags or system	1				1:24 student ratio

* OB Kits should be commercially made and in good working order. Items such as cord clamps and ties should be in

Equipment Item	Required Quantity	# of Excellent Units	# of Good Units	# of Fair Units	Comments:
Long Spine Board (Plastic)	4				
Short Spine board (KED /vest Type) can be any manufacture	2				
Blankets (wool or cotton)	8				
Pillows	2				
Cervical Immobilization Devices (disposable and reusable)	4				
9' Straps (or 4 sets of spider straps)	16				
Hare Traction type Splint (Adult)	2				
Sager traction type splint	1				
Adult PASG -optional (for splinting only)	2				
Pediatric PASG -optional (for splinting only)	1				
Pneumatic Splints (Air or Vacuum)	2 sets				1:24 students
Rigid Splints (Board or Frac-Pak)	2 sets				1:24 students
SAM Splints	8				
Cervical Collars (size ranges) can be adjustable	4 sets				must be sized for all body types

Equipment Item	Required Quantity	# of Excellent Units	# of Good Units	# of Fair Units	Comments:
Winged Infusion needles	Sufficient				
Catheter-Over needles and needless systems	Sufficient				
IV Prep Kits	Sufficient				
IV Administration Sets (10 gtt, 15 gtt and 60 gtt)	Sufficient				
IV Solutions (Variety of sizes and types)	Sufficient				
Syringes (variety of sizes)	Sufficient				
Syringes (1cc TB type)	Sufficient				
Sterile Saline or Water	Sufficient				
Medications (various)	Sufficient				medications must be aligned with current National Edu Standards for cert level and PA protocols
Vacutainer tubes/connector	Sufficient				
Vacutainer Needles (variety)	Sufficient				must be able to perform IM, IV and IO administration
Plastic Biohazard Containers	Sufficient				
Tourniquets-disposable	Sufficient				
Band-Aids	Sufficient				
Alcohol Preps/ skin cleaning	Sufficient				
IV Site Preps	Sufficient				
Arm Boards	2				
IV Site Holders	Sufficient				
Nebulizer Unit with Saline Solution	1				
Hot Packs	Sufficient				
Cold Packs	Sufficient				
IO, with/ with out drill trainer, needles and bone(s)	1				
medication auto injector both self/peer and patients own	1				
implanted and indwelling catheters (access only)	1				
Electronic Glucose meter and monitoring equipment	Sufficient				
assist in chest tube insertion	2				
IV pump	1				1:24 students to demonstrate medication admin.

NOTE medications available must for all types and routes of administration

