Skill Comparison – NYS vs National Standards

(New York State BEMS Official Use)

The following checklist provides a list of most of the skills within the scope of practice for each level of certification. The left column is the new National Standard skills. The column directly to the right is the NYS skills that are included in the new NYS Standards. Areas that are highlighted in "Red" are those areas that are being added to the new NYS Standards and may not be included within the National Standards. Areas highlighted in "Blue" are areas where NYS is already above the National Standards and these skills should be already taught in NYS. Skills denoted with an "A" mean that those skills are already being taught in certain areas of NYS, but are not required state-wide.

NYS Above   NYS New   NYS w/Additional Training

Skill - Airway/Ventilation/Oxygenation	EMR	NYS CFR	EMT	NYS EMT	AEMT	NYS AEMT	Paramedic	NYS Paramedic
Airway - esophageal					X	X	X	X
Airway – supraglottic					X	X	X	X
Airway – nasal		X	X	X	X	X	X	X
Airway – oral	X	X	X	X	X	X	X	X
Bag-valve-mask (BVM)	X	X	X	X	X	X	X	X
BiPAP/CPAP							X	X
Chest decompression - needle							X	X
Chest tube placement – assist only							X	A
Chest tube – monitoring and management							X	A
Cricothyrotomy – needle							X	X
Cricothyrotomy – percutaneous							X	
Demand valve – manually triggered ventilation		X	X	X	X	X	X	X
End tidal CO_2 monitoring/capnography						X	X	X
Gastric decompression – NG Tube							X	X
Gastric decompression – OG Tube							X	X
Head tilt - chin lift	X	X	X	X	X	X	X	X
Intubation – nasotracheal						X	X	X
Intubation - orotracheal						X	X	X
Jaw-thrust	X	X	X	X	X	X	X	X
Jaw-thrust - Modified (trauma)	X	X	X	X	X	X	X	X
Mouth-to-barrier	X	X	X	X	X	X	X	X
Mouth-to-mask	X	X	X	X	X	X	X	X
Mouth-to-mouth	X	X	X	X	X	X	X	X
Mouth-to-nose	X	X	X	X	X	X	X	X
Mouth-to-stoma	X	X	X	X	X	X	X	X
Obstruction – direct laryngoscopy							X	X
Obstruction – Manual	X	X	X	X	X	X	X	X
Oxygen therapy – Humidifiers			X	X	X	X	X	X
Oxygen therapy – Nasal cannula	X	X	X	X	X	X	X	X
Oxygen therapy – Non-rebreather mask	X	X	X	X	X	X	X	X
Oxygen therapy – partial rebreather mask			X		X		X	
Oxygen therapy – simple face mask			X		X		X	
Oxygen therapy – Venturi mask			X		X		X	
PEEP – therapeutic							X	X
Pulse oximetry			X	X	X	X	X	X
Suctioning – Upper airway	X	X	X	X	X	X	X	X
Suctioning – tracheobronchial					AI	X	X	X

Skill - Airway/Ventilation/Oxygenation	EMR	NYS CFR	EMT	NYS EMT	AEMT	NYS AEMT	Paramedic	NYS Paramedic
Ventilator – Automated transport (ATV)			X	*(red)*	X	X	X	X

Skill-Cardiovascular/Circulation	EMR	NYS CFR	EMT	NYS EMT	AEMT	NYS AEMT	Paramedic	NYS Paramedic
Cardiac monitoring – multi-lead (interpretive)							X	X
Cardiac monitoring – single lead (interpretive)							X	X
Cardiopulmonary resuscitation (CPR)	X	X	X	X	X	X	X	X
Cardioversion – electrical							X	X
Carotid massage							X	X
Defibrillation – automated / semi-automated	X	X	X	X	X	X	X	X
Hemorrhage control – direct pressure	X	X	X	X	X	X	X	X
Hemorrhage control – tourniquet	X	X	X	X	X	X	X	X
Internal; cardiac pacing – monitoring only							X	A *(yellow)*
MAST/PASG			X	X	X	X *(blue)*	X	X
Mechanical CPR device			A	X *(blue)*	X	*(red)*	X	*(red)*
Transcutaneous pacing - manual							X	*(red)*

Skill-Immobilization	EMR	NYS CFR	EMT	NYS EMT	AEMT	NYS AEMT	Paramedic	NYS Paramedic
Spinal immobilization – cervical collar		X *(blue)*	X	X	X	X	X	X
Spinal immobilization – long board		*(red)*	X	X	X	X	X	X
Spinal immobilization – manual	X	X	X	X	X	X	X	X
Spinal immobilization – seated patient (KED, etc)			X	X	X	X	X	X
Spinal immobilization – rapid manual extrication		*(red)*	X	X	X	X	X	X
Extremity stabilization - manual	X	X	X	X	X	X	X	X
Extremity splinting			X	X	X	X	X	X
Splint – traction			X	X	X	X	X	X
Mechanical patient restraint			X	X	X	X	X	X
Emergency moves for endangered patients	X	*(red)*	X	X	X	X	X	X

Skill-Medication Administration - Routes	EMR	NYS CFR	EMT	NYS EMT	AEMT	NYS AEMT	Paramedic	NYS Paramedic
Assisting a patient with his/her own prescribed medications (aerosolized/nebulized)			X	X	Int.	State SOP		
Aerosolized/nebulized (beta agonist)				XA *(blue)*	X	X		X *(blue)*
Buccal					X	*(red)*		X *(blue)*
Endotracheal tube					X	*(red)*		X *(blue)*

Skill-Medication Administration - Routes	EMR	NYS CFR	EMT	NYS EMT	AEMT	NYS AEMT	Paramedic	NYS Paramedic
Inhaled – self-administered (nitrous oxide)					X	*(red)*	X	*(red)*
Intramuscular (epinephrine or glucagon)					X	*(red)*	X	X
Intranasal (naloxone)					X	*(red)*	X	*(red)*
Intravenous push (naloxone, dextrose 50%)					L	*(red)*	X	X
Intravenous push (epinephrine)						*(red)*		
Intravenous piggyback							X	X
Nasogastric							X	X
Oral (glucose)			X	X	X	X	X	X
Oral (aspirin)			X	X	X	X	X	X
Rectal							X	X
Subcutaneous (epinephrine)					L	*(red)*	X	X
Sublingual (nitroglycerin)			X		L	*(red)*	X	X
Auto-injector (self or peer care)	X	*(red)*	X	X	X	X	X	X
Auto-injector (patient's own prescribed meds)		XA *(blue)*	X	X	X	X	X	X

NYS vs National EMS Education Standards Gap Analysis

Skill - – IV Initiation/Maintenance Fluids	EMR	NYS CFR	EMT	NYS EMT	AEMT	NYS AEMT	Paramedic	NYS Paramedic
Access indwelling catheters and implanted central IV ports							X	(red)
Central line – monitoring							X	A (yellow)
Intraosseous – initiation					X	X (blue)	X	X
Intravenous access					X	X	X	X
Intravenous initiation - peripheral					X	X	X	X
Intravenous – maintenance of non-medicated IV fluids					X	X	X	X
Intravenous – maintenance of medicated IV fluids							X	X
Skill - Miscellaneous	**EMR**	**NYS CFR**	**EMT**	**NYS EMT**	**AEMT**	**NYS AEMT**	**Paramedic**	**NYS Paramedic**
Assisted delivery (childbirth)	X	X	X	X	X	X	X	X
Assisted complicated delivery (childbirth)			X	X	X	X	X	X
Blood glucose monitoring				A (yellow)	X	X	X	X
Blood pressure automated			X	X	X	X	X	X
Blood pressure – manual	X	(red)	X	X	X	X	X	X
Eye irrigation	X	(red)	X	X	X	X	X	X
Eye irrigation – Morgan® lens							X	X
Thrombolytic therapy – initiation								
Thrombolytic therapy – monitoring								A (yellow)
Urinary catheterization								A (yellow)
Venous blood sampling						X (blue)		X (blue)
Blood chemistry analysis								

Legend of abbreviations for blank checklist

A	Requires additional specialty training – May already be taught is some regions.