

Iowa Department of Public Health  
**BUREAU OF EMERGENCY MEDICAL SERVICES**

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**Iowa Emergency Medical Care Provider  
Scope of Practice**

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**January 2011**



*“Promoting and Protecting the Health of Iowans through EMS”*

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## **Iowa Law Enforcement Emergency Care Provider (ILEECP)**

This EMS provider level is for Iowa peace officers who successfully complete a program of training that uses the department approved curriculum and have successfully completed the required testing as outlined in IAC 641--139. Individuals certified at this level will have a certification number identified with the letter "L". ILEECP certificates expire on July 1. Recertification requirements include four hours of approved continuing education.

### **Scope of Practice for ILEECP Certified Providers**

<b>AIRWAY / VENTILATION / OXYGENATION</b>
<b>Skill</b>
Bag-Valve-Mask (BVM)
Cricoid Pressure (Sellick)
Head-tilt/chin-lift
Jaw-thrust
Jaw-thrust - Modified (trauma)
Mouth-to-Barrier
Mouth-to-Mask
Mouth-to-Mouth
Mouth-to-Nose
Mouth-to-Stoma
Obstruction – Manual

<b>CARDIOVASCULAR / CIRCULATION</b>
<b>Skill</b>
Cardiopulmonary Resuscitation (CPR)
Defibrillation – Automated / Semi-Automated (AED)
Hemorrhage Control – Direct Pressure
Hemorrhage Control – Pressure Point
Hemorrhage Control – Tourniquet

<b>IMMOBILIZATION</b>
<b>Skill</b>
Spinal Immobilization – Manual Stabilization
Splinting – Manual

<b>MISCELLANEOUS</b>
<b>Skill</b>
Assisted Delivery (child-birth)

Basic Level Emergency Medical Care Providers

**First Responder (1979) (FR)**

This EMS provider level identifies individuals who have successfully completed a program of training that used, as a minimum, the 1979 FR national standard curriculum (NSC) and have successfully completed the testing requirements. Individuals certified at this level have a certification number identified with the letter “F”. Initial certification at this level is no longer available. **THIS LEVEL IS NOT ELIGIBLE FOR TRANSITION.**

**First Responder – Defibrillation (FR-D)**

This EMS provider level identifies individuals who have successfully completed a program of training that used, as a minimum, the 1979 FR national standard curriculum and the AED supplemental curriculum, and have successfully completed the testing requirements. Individuals certified at this level have a certification number identified with the letter “G”. Initial certification at this level is no longer available. **THIS LEVEL IS NOT ELIGIBLE FOR TRANSITION.**

**First Responder (1996) (FR)**

This EMS provider level identifies individuals who have successfully completed a program of training that used, as a minimum, the 1979 FR national standard curriculum (NCS) and completed the Iowa Transition Curriculum, or the 1996 FR NSC with the Iowa Supplemental curriculum, and have successfully completed the testing requirements. Individuals certified at this level have a certification number identified with the letter “F”. **THIS LEVEL MUST TRANSITION DURING THE 2013 OR 2014 RENEWAL CYCLE.**

**Emergency Medical Technician – Ambulance (EMT-A)**

This EMS provider level identifies individuals who have successfully completed a program of training that used, as a minimum, the 1984 EMT-A national standard curriculum (NSC) and have successfully completed the department’s testing requirements. Individuals certified at this level have a certification number identified with the letter “A”. Initial certification at this level is no longer available. **THIS LEVEL IS NOT ELIGIBLE FOR TRANSITION.**

**Emergency Medical Technician – Defibrillation (EMT-D)**

This EMS provider level identifies individuals who have successfully completed a program of training that used, as a minimum, the 1984 EMT-A national standard curriculum (NSC) and the AED supplemental curriculum, and have successfully completed the department’s testing requirements. Individuals certified at this level have a certification number identified with the letter “D”. Initial certification at this level is no longer available. **THIS LEVEL IS NOT ELIGIBLE FOR TRANSITION.**

**Emergency Medical Technician – Basic (EMT-B)**

This EMS provider level identifies individuals who have successfully completed a program of training that used, as a minimum, the 1996 EMT-B national standard curriculum (NSC) and the Iowa supplemental curriculum, and have successfully completed the department’s testing requirements. Individuals certified at this level have

a certification number identified with the letter “B”. **THIS LEVEL MUST TRANSITION DURING THE 2014 OR 2015 RENEWAL CYCLE.**

### **LEVELS BEGINNING AUGUST 1, 2011**

#### **Emergency Medical Responder (EMR)**

This EMS provider level identifies individuals who have successfully completed a program of training that used, as a minimum, the 2005 National Education Standards for the EMR and successfully completed the testing requirements or completed the FR to EMR transition requirement. Individuals certified at this level have a certification number identified with the letters “EMR”.

The primary focus of the EMR is to initiate immediate lifesaving care to critical patients who access the emergency medical system. This individual possesses the basic knowledge and skills necessary to provide lifesaving interventions while awaiting additional EMS response and to assist higher level personnel at the scene and during transport. EMRs function as part of a comprehensive EMS response, under medical oversight. EMRs perform basic interventions with minimal equipment.

#### **Emergency Medical Technician (EMT)**

This EMS provider level identifies individuals who have successfully completed a program of training that used, as a minimum, the 2005 National Education Standards for the EMT and successfully completed the testing requirements, transition from EMT-I 1985+, or completed the EMT-B to EMT transition requirements. Individuals certified at this level have a certification number identified with the letters “EMT”.

The primary focus of the EMT is to provide basic emergency medical care and transportation for critical and emergent patients who access the emergency medical system. This individual possesses the basic knowledge and skills necessary to provide patient care and transportation. EMTs function as part of a comprehensive EMS response, under medical oversight. EMTs perform interventions with the basic equipment typically found on an ambulance. The EMT is a link from the scene to the emergency health care system.

<b>Airway and Breathing</b>								
SKILL	FR 79	G	FR 96	EMR	A	D	B	EMT
Airway - Manual	X	X	X	X	X	X	X	X
Airway-Oral			X	X	X	X	X	X
Airway-Nasal			X		X	X	X	X
Airway- Multi-Lumen			X				X	
Airway-Esophageal/Tracheal			X				X	
Obstruction - Manual	X	X	X	X	X	X	X	X
Oxygen Delivery			X	X	X	X	X	X
Oxygen Delivery-Humidified			X		X	X	X	X
Sellick's Maneuver	X	X	X	X	X	X	X	X
Suctioning - Upper Airway	X	X	X	X	X	X	X	X
Ventilations - Bag Valve	X	X	X	X	X	X	X	X
Ventilations – via Mouth	X	X	X	X	X	X	X	X
Ventilations- Manually Triggered					X	X	X	X
Ventilator - Automatic Transport							X	X

<b>Assessment</b>								
SKILL	FR 79	G	FR 96	EMR	A	D	B	EMT
Blood Glucose Monitor							X	
Blood Pressure - Automated	X	X	X		X	X	X	X
Blood Pressure - Manual	X	X	X	X	X	X	X	X
Pulse Oximetry	X	X	X		X	X	X	X

<b>Pharmacological Intervention</b>								
SKILL	FR 79	G	FR 96	EMR	A	D	B	EMT
Auto-injector- Self/Peer Rescue				X			X	X
Auto-injector - Epinephrine							X	
OTC Medications			X		X	X	X	X
Patient Assisted Meds (including Epi-pen)							X	X
Buccal								1
Oral								2
IV Fluid Infusion							X	

**EMT DRUG LIST**

- 1 Buccal      Oral Glucose
- 2. Oral      Glucose/Aspirin

<b>Emergency Trauma Care</b>								
SKILL	FR 79	G	FR 96	EMR	A	D	B	EMT
Cervical Stabilization - Manual	X	X	X	X	X	X	X	X
Extremity Stabilization - Manual	X	X	X	X	X	X	X	X
Extremity Splinting					X	X	X	X
Eye Irrigation	X	X	X	X	X	X	X	X
Hemorrhage Control	X	X	X	X	X	X	X	X
PASG					X	X	X	X
Spinal Immobilization					X	X	X	X
Tourniquet	X	X	X		X	X	X	X

<b>Medical/Cardiac Care</b>								
SKILL	FR 79	G	FR 96	EMR	A	D	B	EMT
Assisted Delivery	X	X	X	X	X	X	X	X
CPR - Manual	X	X	X	X	X	X	X	X
CPR - Mechanical					X	X	X	X
Defibrillator - Automated		X	X	X		X	X	X

## Advanced Level Emergency Medical Care Providers



**Emergency Medical Technician – Intermediate (EMT-I)**

This EMS provider level identifies individuals who have successfully completed a program of training that used, as a minimum, the 1985 EMT-I national standard curriculum (NSC) or the Iowa EMT-I (2000) curriculum, and have successfully completed the department’s testing requirements. Individuals certified at this level have a certification number identified with the letter “I”. **THIS LEVEL MAY TRANSITION TO THE AEMT LEVEL BEFORE APRIL 1, 2016.**

**Iowa Emergency Medical Technician – Paramedic (EMT-P)**

This EMS provider level identifies individuals who have successfully completed a program of training that used, as a minimum, the 1985 EMT-P national standard curriculum (NSC), or the 1999 EMT-I NSC curriculum, and have successfully completed the department’s testing requirements. Individuals certified at this level have a certification number identified with the letter “P”. **THIS LEVEL MAY TRANSITION TO THE PARAMEDIC LEVEL BEFORE APRIL 1, 2018.**

**Paramedic Specialist (PS)**

This EMS provider level identifies individuals who have successfully completed a program of training that used, as a minimum, the 1985 EMT-P national standard curriculum (NSC), plus documentation of completion of the objectives to the 1998 EMT-P NSC, or completed the 1998 EMT-P NSC, and have successfully completed the department’s testing requirements. Individuals certified at this level have a certification number identified with the letters “PS”. **THIS LEVEL MUST TRANSITION BY THE 2014 OR 2015 RENEWAL PERIOD**

**LEVELS BEGINNING AUGUST 1, 2011**

**Advanced Emergency Medical Technician (AEMT)**

This EMS provider level identifies individuals who have successfully completed a program of training that used, as a minimum, the 2005 National Education Standards for the AEMT or completed the EMT-I to AEMT transition requirements and successfully completed the testing requirements. Providers certified as EMT-P may transition to AEMT. Individuals certified at this level have a certification number identified with the letters “AEMT”.

The primary focus of the AEMT is to provide basic and limited advanced emergency medical care and transportation for critical and emergent patients who access the emergency medical system. This individual possesses the basic knowledge and skills necessary to provide patient care and transportation. AEMTs function as part of a comprehensive EMS response, under medical oversight. AEMTs perform interventions with the basic and advanced equipment typically found on an ambulance. The AEMT is a link from the scene to the emergency health care system.

### **Paramedic**

This EMS provider level identifies individuals who have successfully completed a program of training that used, as a minimum, the 2005 National Education Standards for the Paramedic or completed the EMT-P to Paramedic transition requirements and successfully completed the testing requirements. Providers certified at the PS level may transition by meeting the PS to Paramedic Transition Requirements. Individuals certified at this level have a certification number identified with the letters “MEDIC”.

The Paramedic is an allied health professional whose primary focus is to provide advanced emergency medical care for critical and emergent patients who access the emergency medical system. This individual possesses the complex knowledge and skills necessary to provide patient care and transportation. Paramedics function as part of a comprehensive EMS response, under medical oversight. Paramedics perform interventions with the basic and advanced equipment typically found on an ambulance. The Paramedic is a link from the scene into the health care system.

## **ENDORSEMENT LEVEL**

### **Critical Care Paramedic (CCP)**

This EMS provider endorsement identifies individuals who hold a valid Iowa PS or Paramedic certification and have successfully completed an Iowa approved Critical Care Paramedic program. Individuals holding a valid endorsement as a CCP and working for an approved CCP transporting service may perform CCP skills listed below during intra-facility critical care transport (CCT).

<b>Airway and Breathing</b>						
SKILL	EMT-I	AEMT	P	PS	PARA	CCP
Airway - Manual	X	X	X	X	X	X
Airway-Nasal	X	X	X	X	X	X
Airway-Oral	X	X	X	X	X	X
Airway- Multi-Lumen	X	X	X	X	X	X
Airway-Esophageal/Tracheal	X	X	X	X	X	X
BiPAP/CPAP			CPAP	CPAP	X	X
Capnography/ETCO <sub>2</sub>			X	X	X	X
Chest Tube Placement-Assist						X
Chest Tube-Monitoring					X	X
Cricothyrotomy - Percutaneous			X	X	X	X
Cricothyrotomy - Surgical						X
Endotracheal Intubation- Nasal/Oral			X	X	X	X
Endotracheal Intubation- Retrograde						X
Gastric Decompression - NG or OG tube			X	X	X	X
Needle Chest Decompression			X	X	X	X
Obstruction - Direct Laryngoscopy			X	X	X	X
Obstruction - Manual	X	X	X	X	X	X
Oxygen Delivery	X	X	X	X	X	X
Oxygen Delivery-Humidified	X	X	X	X	X	X
PEEP Therapeutic (>6 cm H <sub>2</sub> O pressure)				X	X	X
Sellick's Maneuver	X	X	X	X	X	X
Suctioning - Upper Airway	X	X	X	X	X	X
Ventilations - Bag Valve	X	X	X	X	X	X
Ventilations – via Mouth	X	X	X	X	X	X
Ventilations- Manually Triggered	X	X	X	X	X	X
Ventilator - Automatic Transport	X	X	X	X	X	X
Ventilator - Enhanced						X
Suctioning - Tracheobronchial		X	X	X	X	X

<b>Assessment</b>						
SKILL	EMT-I	AEMT	P	PS	PARA	CCP
Blood Chemistry Analysis					X	X
Blood Glucose Monitor	X	X	X	X	X	X
Blood Pressure – Manual or Automated	X	X	X	X	X	X
Blood Sampling - Arterial						X
Blood Sampling - Capillary Tube	X		X	X	X	X
Blood Sampling - Venous	X		X	X	X	X
EKG - Multi lead (interpretive)				X	X	X

**Assessment (cont)**

EKG - Single lead (interpretive)			X	X	X	X
Hemodynamic Monitoring						X
ICP Monitoring						X
Pulse Oximetry	X	X	X	X	X	X

<b>Pharmacological Intervention</b>						
SKILL	EMT-I	AEMT	P	PS	PARA	CCP
Auto-injector- Self/Peer Rescue	X	X	X	X	X	X
Auto-injector - Epinephrine	X	X	X	X	X	X
OTC Medications	X	X	X	X	X	X
Patient Assisted Meds	X	X	X	X	X	X
Aerosolized/Nebulized		1	X	X	X	X
Buccal		2	X	X	X	X
Endotracheal tube			X	X	X	X
Inhaled - Self administered		3	X	X	X	X
Intramuscular		4	X	X	X	X
Intranasal			X	X	X	X
Intravenous push		5	X	X	X	X
Intravenous piggyback			X	X	X	X
Nasogastric			X	X	X	X
Oral		6	X	X	X	X
Rectal			X	X	X	X
Subcutaneous		7	X	X	X	X
Sublingual		8	X	X	X	X
Arterial Line - Monitoring						X
Blood Administration			X	X	X	X
Central Line Monitoring					X	X
IO Insertion		<b>Peds</b>	X	X	X	X
IV Fluid Infusion	X	X	X	X	X	X
Peripheral IV Insertion	X	X	X	X	X	X
Thrombolytic Administration				X	X	X
Umbilical Initiation				X		X

**AEMT DRUG LIST**

1 Aerosolized/Nebulized	Beta agonist
2 Buccal	Oral Glucose
3 Inhaled - Self administered	Nitrous Oxide
4 Intramuscular	Nalaxone
5 Intravenous push	Nalaxone/Dextrose
6. Oral	Glucose/Aspirin
7. Subcutaneous	Epinephrine
8. Sublingual	Nitroglycerin

**Emergency Trauma Care**

SKILL	EMT-I	AEMT	P	PS	PARA	CCP
Cervical Stabilization - Manual	X	X	X	X	X	X
Extremity Stabilization - Manual	X	X	X	X	X	X
Extremity Splinting	X	X	X	X	X	X
Eye Irrigation	X	X	X	X	X	X
Eye Irrigation - Morgan Lens			X	X	X	X
Hemorrhage Control	X	X	X	X	X	X
PASG	X	X	X	X	X	X
Spinal immobilization	X	X	X	X	X	X
Tourniquet	X	X	X	X	X	X

<b>Medical/Cardiac Care</b>						
SKILL	EMT-I	AEMT	P	PS	PARA	CCP
Assisted Delivery	X	X	X	X	X	X
Cardioversion			X	X	X	X
Carotid Massage			X	X	X	X
CPR – Manual	X	X	X	X	X	X
CPR - Mechanical	X	X	X	X	X	X
Defibrillation - Manual			X	X	X	X
Defibrillator - Automated	X	X	X	X	X	X
Transcutaneous Pacing			X	X	X	X
Urinary Catheterization			X	X		X