

**IDPH CONTINUING EDUCATION HOURS FOR EMS PERSONNEL DRAFT 2 5/2/15**

Activity	Documentation	Hours IDPH now	Hours proposed	NREMT	Comment
<b>Standard Documentation</b> to validate completion for all CE in Illinois: CE certificate, course card, or sign-in roster signed by instructor or authorizing person to include: name of participant; date; times; topic(s); number of CE hours awarded; Illinois site code, CECBEMS and/or medical or nursing accrediting body number. All CE hours awarded must be approved by EMS MD.					
Initial education: "LS" courses: ABLS, ACLS, AMLS, EMPACT, ITLS, PALS, PEPP (ALS), PHTLS etc., CPR instructor	Standard documentation + course schedule	16	Hr/Hr up to 16 for each course	Hr for Hr	May not exceed 25% of CE hours for PM/PHRNs; 80 CE hrs for EMT-Is
<b>Advanced Trauma Life Support, Teaching EMS-related courses/CE, Wilderness EMS Training, TEMS, MIH Community PM, Critical Care PM</b>	Standard documentation + course schedule		<b>Hr/Hr for EMS content of course</b>	<b>Hr for hr with no maximum</b>	May not exceed 20% of total hours for one subject area Educators may not get credit for presenting the same topic/lecture multiple times Up to ½ of total hrs may be earned by teaching participants at a lower level of licensure Should be considered on case by case basis for any topics in EMS education standards
Refresher/renewal education: "LS" courses: ABLS, ACLS, AMLS, EMPACT, ITLS, PALS, PEPP (ALS), PHTLS etc., CPR instructor	Standard documentation + course schedule		Hr/Hr up to 8		
<b>EMTs: PEPP (BLS)</b>	Standard documentation + course schedule	8	Hr/Hr up to 8		
<del>National lead instructor initial course</del>	<del>Copy of signed certificate and letter revealing a passing grade from course</del>	24		Does NOT allow	Not medical CE; covers no clinical content
Initial courses: CPR Instructor Emergency Driving Dispatch training	Standard documentation + course schedule	16 max 8	Hr/Hr up to 12 max	Max 12 hrs	
<b>Locally offered CE programs</b>	Standard documentation	Hr/hr to max content hours	Hr/Hr to max content hours	Max 12 hours from any one topic area	May not exceed <del>25%</del> 20% of total minimum required hours in one subject area, e.g., cardiac, trauma, rescue, etc.
Audit of entry level EMT, AEMT, PM courses	Standard documentation	Hr/Hr to max content hours	Hr/Hr to max content hours		Unlimited hours as long as subject matter is at the appropriate level for the participant's license. May not exceed <del>25%</del> 20% of total minimum required hours in one subject area, e.g., cardiac, trauma, rescue, etc.
Clinical preceptor or evaluator	Signed letter from EMS Coordinator or lead instructor	Hr/Hr to max allowable	Hr/Hr to max allowable	<b>DOES NOT ALLOW</b>	May not exceed <del>25%</del> 20% of total minimum required CE hours
<del>Disaster drill activities</del> Emergency Preparedness	Written statement of participation from EMSC/EMS MD <u>or exercise director.</u>	Hr/Hr	Hr/Hr up to 12 (PM/PHRN), 10 hrs (EMT-I) 8 hrs (EMT)		

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Firefighter II course EMS/Medical Portion	Certificate meeting standards	Hr/hr		DOES NOT ALLOW	<del>28 CE hours maximum during 4 year licensure period</del>
Health-related college courses that relate to the role of an EMS professional (A&P, assessment, physiology, biology, chemistry, microbiology, pharmacology, psychology, sociology, nursing/PA courses, etc.)	Catalog description of course, evidence of successful completion through minimum grade of C (transcripts or evidence from school)	2 hrs per each college credit hour	Hr/hr <u>1 college credit = 8 CEU</u>	Hr for hr 1 college credit = 8 CEU	May not exceed 20% of total hours for one subject area Should be considered on case by case basis for any topics in EMS education standards
Participation/observation in surgery, physical therapy, childbirth, autopsy, etc.	Written statement of participation from clinical unit leader, preceptor or physician validating attendance		Hr/Hr up to max of 5 hrs		<del>May not exceed 25% of total hours</del> Max 5 hours
EMS seminars/conferences approved by CECBEMS or medical or nursing accrediting body	Copy of agenda/program plus certificate of attendance	Hr/Hr to max content hrs	Hr/Hr to max content hrs		May not exceed <del>25%</del> 20% of total minimum required hours in one subject area, e.g., cardiac, trauma, rescue, etc.
<b>Commercial CE:</b> videotapes, journal articles with publication dates no longer than 5 years prior to the date of CE completion Approved by CECBEMS or medical or nursing accrediting body)	Standard documentation	Hr/Hr to max content hrs	Hr/Hr to max content hrs		May not exceed <del>25%</del> 20% of total minimum required hours in one subject area, e.g., cardiac, trauma, rescue, etc.
<b>Trauma Nurse Specialist or TNS Review Courses</b> May audit for CE with prior approval of TNS CC to ensure space availability	Standard documentation	Hr/Hr to max content hrs	Hr/Hr to max content hrs		May not exceed <del>25%</del> 20% of total minimum required hours in one subject area. Course covers multiple areas of A&P, fluid & electrolytes, acid base balance, shock pathophysiology and systems trauma appropriate for PMs and PHRNS for full credit.
<b>ECRN Course (apart from “LS” courses)</b> May audit for CE with prior approval of Course LI to ensure space availability	Standard documentation	Hr/Hr to max content hrs	Hr/Hr to max content hrs		May not exceed <del>25%</del> 20% of total minimum required hours in one subject area. Course may cover multiple across the spectrum of EMS appropriate for PMs and PHRNS for full credit
<b>On-line options</b> Webinars and on-line offerings with subject matter found in the EMS Education Standards. Exs: Sponsored by a governmental agency (infectious diseases, emerg prep); law firms (documentation; HIPAA); organizations or commercial offerings.	Standard documentation	Hr/Hto max content hrs	Hr/Hr to max content hrs	Up to 10 hrs of refresher training can be by Distributive Ed (online, video or magazine-based). Max 12 hrs can be applied from Distributive Ed towards Addl EMS-Related CE	May not exceed <del>25%</del> 20% of total minimum required hours in one subject area.

Core Content	NREMT / Renew q. 2 years	Ntl EMS CE Guidelines – Recommended hr/yr	Illinois Recommendations
<p><b>CoA: Entry-level Paramedic Accredited programs typically range from 1000-1300 clock hours, including the four integrated phases of education (didactic, laboratory, and clinical and field) to cover the stated curriculum. Further pre-requisites and/or co-requisites may be required to address competencies in basic health sciences (Anatomy and Physiology) and in basic academic skills (English and Mathematics) and together with the core content of the Emergency Medical Technician-Basic and Emergency Medical Technician-Paramedic curricula may lead to an academic degree.</b></p> <p><b>DOT: It is recommended that the entry level PM course be planned for approximately 1000-1200 total hours of instruction (500-600 classroom/practical laboratory, 250-300 clinical, 250-300 field internship.)</b></p>	<p>You must ensure that you cover every topic within the four divisions of the mandatory core content. You must also cover each of the five divisions of the flexible core content; however, you are not required to cover each topic.</p> <p><b>COLOR KEY</b></p> <p><b>Mandatory Core Content - 24 hours total/2 yr</b></p> <p><b>Flexible Core Content - 24 hours total/2 yr</b></p> <p><b>Additional EMS Related Continuing Education-24 hours/2 yrs</b></p> <p><b>Courses that CANNOT be applied towards Additional Continuing Education Hours:</b></p> <p>Clinical Rotations, CPR, Emergency Medical Responder Course, home study programs, instructor courses, management/leadership courses, performance of duty, preceptor hours, serving as a skill examiner, and volunteer time with agencies.</p>	<p>Represent expert opinion of a multi-disciplinary group in the absence of empirical data. Ranges are grouped by broad topic area referencing the PM and EMT-I NSC. Ranges are guidelines developed by experienced educators to help policy makers establish CE requirements for the recertification/ relicensure of advanced level EMS providers. They should be adjusted based on local needs, advances in medical technology and interventions, changes in scope of practice and responsibilities, and evidence from CQI</p>	<p>IDPH requires the following as minimum entry level PM course hours: 500 hrs didactic; 200 hours clinical; and 300 field internship hours.</p> <p>The CE requirements are generally calculated in a 5:1 ratio to reach a total minimum CE hours of 100 in 4 years unless a particular area poses higher patient risk and needs more emphasis.</p>
<p><b>PREPARATORY: (DOT: 73 didactic + 12-14 lab)</b></p> <p>Suggested topics: EMS Systems/Roles and Responsibilities of the PM, Well-Being of the PM, Illness and Injury Prevention, Medical / Legal Issues, Ethics, General Principles of Pathophysiology, Pharmacology, Venous Access and Medication Administration, Therapeutic Communications, Life Span Development</p>		<p><b>3-5</b></p>	<p><b>2/year</b> <b>10 in 4 years</b></p>
<p><b>AIRWAY MANAGEMENT AND VENTILATION:</b> <b>Suggested topics include: Airway Management and Ventilation</b> <b>(DOT: 10.5-12 didactic + 10.5-11.88 lab)</b></p> <p>Complex depth, comprehensive breadth within the scope of practice of the paramedic</p> <ul style="list-style-type: none"> <li>• Airway anatomy; assessment</li> <li>• Techniques of assuring a patent airway</li> <li>• Anatomy of the respiratory system</li> <li>• Physiology, and pathophysiology of respiration</li> <li>• Pulmonary ventilation; oxygenation</li> <li>• Assessment and mg of adequate/ inadequate respiration</li> <li>• Supplemental oxygen therapy</li> </ul>	<p><b>Mandatory core content 4 hours</b></p> <ul style="list-style-type: none"> <li>○ Provide ventilatory support for a patient</li> </ul> <p><b>Flexible Airway, Breathing - 8 hours</b></p> <ul style="list-style-type: none"> <li>○ Assess and provide care for respiratory distress in an adult patient</li> <li>○ Use oxygen delivery system components</li> <li>○ Perform techniques to assure a patent airway</li> </ul>	<p><b>3-5</b></p>	<p><b>3/year</b> <b>12 in 4 years</b></p> <p><b>Rationale: Much greater emphasis now than in 98 DOT</b></p>
<p><b>PATIENT ASSESSMENT:</b></p> <p>Suggested topics: History taking, Techniques of physical examination, Patient assessment, Clinical decision making, Communications, Documentation (DOT: 24 didactic + 18.5 lab)</p>		<p><b>2-4</b></p>	<p><b>2/year</b> <b>8 in 4 years</b></p>

Core Content	NREMT / Renew q. 2 years	Ntl EMS CE Guidelines – Recommended hr/yr	Illinois Recommendations
<p><b>TRAUMA:</b> Suggested topics include: Trauma Systems/ Mechanism of Injury, Hemorrhage and Shock, Soft Tissue Trauma, Burns, Head and Facial Trauma, Spinal Trauma, Thoracic Trauma, Abdominal Trauma, Musculoskeletal Trauma</p> <p>DOT: 30-36 didactic + 16-22 lab</p>	<p>Trauma - 5 hours</p> <ul style="list-style-type: none"> <li>o Perform a rapid trauma assessment</li> <li>o Assess a patient with a head injury</li> <li>o Assess and provide care to a patient with a suspected spinal injury</li> <li>o Provide care to a patient with a chest injury</li> <li>o Provide care to a patient with an open abdominal injury</li> <li>o Provide care to a patient with shock/hypoperfusion</li> </ul> <p>Trauma - 1 hour</p> <ul style="list-style-type: none"> <li>o Provide care to a patient with a painful, swollen, deformed extremity</li> <li>o Assess and provide care to a patient with a burn injury</li> </ul>	<p>3-4</p>	<p><u>3/year</u> <u>6 in 2 (NR) or</u> <u>12 in 4 years</u></p>
<p><b>Cardiology</b> Suggested topics: Anatomy, physiology, epidemiology, pathophysiology, psychosocial impact, presentations, prognosis, and management of: Complex depth, comprehensive breadth</p> <ul style="list-style-type: none"> <li>• Acute coronary syndrome; Angina pectoris; Myocardial infarction; Heart failure</li> <li>• Non-traumatic cardiac tamponade</li> <li>• Hypertensive emergencies</li> <li>• Cardiogenic shock</li> <li>• Vascular disorders; Abdominal aortic aneurysm                             <ul style="list-style-type: none"> <li>o Arterial occlusion; Venous thrombosis</li> </ul> </li> <li>• Aortic aneurysm/dissection,</li> <li>• Cardiac rhythm disturbances</li> </ul> <p>Fundamental depth, foundational breadth</p> <ul style="list-style-type: none"> <li>• Infectious diseases of the heart: Endocarditis, Pericarditis</li> <li>• Congenital abnormalities</li> </ul> <p>DOT: 38-51 didactic + 26-35 lab</p>	<p>4 hours</p> <ul style="list-style-type: none"> <li>o Attempt to resuscitate a patient in cardiac arrest</li> <li>o Provide care to a patient experiencing cardiovascular compromise</li> <li>o Provide post resuscitation care to a cardiac arrest patient</li> <li>o Assess and provide care to a patient experiencing non-traumatic chest pain/discomfort – 1 hr</li> </ul>	<p>9-12</p>	<p><b>Rationale: Much greater emphasis now than in 98 DOT</b></p> <p><b>4/year</b> <b>8 in 2 years or</b> <b>16 in 4 years</b></p>
<p><b>MEDICAL:</b> Suggested topics include: Pulmonary, Neurology, Endocrinology, Allergies and Anaphylaxis, Gastroenterology, Renal/Urology, Toxicology, Hematology, Environmental conditions, Infectious and Communicable Diseases, Behavioral and Psychiatric Disorders,</p> <p>DOT: 63.82-didactic + 25 lab</p>	<p><b>Medical Emergencies - 3 hours</b></p> <ul style="list-style-type: none"> <li>o Assess and provide care to a patient experiencing an allergic reaction</li> <li>o Assess a patient with possible overdose</li> <li>o Assess and provide care to a near-drowning patient</li> </ul> <p><b>Medical Emergencies - 4 hours</b></p> <ul style="list-style-type: none"> <li>o Assess and provide care to a patient with an altered mental status</li> <li>o Assess and provide care to a patient with a history of diabetes</li> <li>o Assess and provide care to a patient</li> </ul>		<p><b>5/year</b> <b>20 in 4 yrs</b></p>

Core Content	NREMT / Renew q. 2 years	Ntl EMS CE Guidelines – Recommended hr/yr	Illinois Recommendations
	<ul style="list-style-type: none"> <li><i>experiencing a seizure</i></li> <li>○ <i>Assess and provide care to a patient exposed to heat or cold</i></li> <li>○ <i>Assess and provide care to a patient experiencing a behavioral problem</i></li> <li>○ <i>Assess and provide care to a patient with suspected communicable disease</i></li> </ul>		
<p><b>SPECIAL CONSIDERATIONS:</b> Suggested topics include: Neonatology, Gynecology, <b>Obstetrics, Pediatrics</b></p> <p>DOT: Gynecology: 6-7.69 + lab: 8.88 Obstetrics: 6-7 + lab: 4-5 Neonatology: 5.63-6 + lab 3-4.6</p> <p>Peds: 16-16.38 hrs</p>	<p><b>Obstetrics and Pediatrics - 8 hours</b></p> <ul style="list-style-type: none"> <li>○ Assess and provide care to an infant or child with cardiac arrest</li> <li>○ Assess and provide care to an infant or child with respiratory distress</li> <li>○ Assess and provide care to an infant or child with shock/hypoperfusion</li> <li>○ Assess and provide care to an infant or child with trauma</li> </ul> <p><b>Obstetrics and Pediatrics - 8 hours</b></p> <ul style="list-style-type: none"> <li>○ <i>Assess and provide care to an infant or child with suspected abuse or neglect</i></li> <li>○ <i>Assess and provide care to an infant or child with a fever</i></li> <li>○ <i>Assess and provide care to an obstetric patient</i></li> <li>○ <i>Provide care to a newborn</i></li> <li>○ <i>Provide care to a mother immediately following delivery of a newborn</i></li> </ul>	<p><b>3-4</b></p>	<p><i><b>Rationale: Peds has much greater emphasis now than in 98 DOT</b></i></p> <p style="text-align: center;"><b>4 / year 8 in 2 years 16 in 4 yrs</b></p>
<p>Geriatrics, <i>Abuse</i> and Assault, Patients with Special Challenges, Acute Interventions for the Chronic Care Patient</p> <p>DOT: Abuse &amp; Assault: 2.75-3 + lab: 1.5 Sp. Challenges: 3.59-3.88 + lab 1.5 Chronic care pts: 3.69-4</p>			<p><b>1/year 4 in 4 years</b></p>
<p><b>OPERATIONS: DOT: 23</b> Suggested topics include: Ambulance Operations, MCI, Medical Incident Command, Rescue Awareness and Operations, Hazardous Materials Incidents, Extrication, Crime Scene Awareness</p>	<p><b>Operational Tasks - 2 hour</b></p> <ul style="list-style-type: none"> <li>○ <i>Use body mechanics when lifting and moving a patient</i></li> <li>○ <i>Communicate with a patient while providing care</i></li> </ul>	<p><b>1-2</b></p>	<p><b>1/year 4 in 4 years</b></p>
<p><b>TOTAL Minimum Hours</b></p>	<p><b>72 in 2 years</b></p>	<p><b>24-36 per year</b></p>	<p><b>25/yr; 50 in 2 yrs; or 100 in 4 yrs</b></p>

**National Registry of EMTs required paramedic CE****1.**

You may complete continuing education equivalent to a Refresher Course if one is not required by your state. You may count education received in lectures, standardized courses (such as ABLS, ACLS, EMPACT, PEPP, PALS, PHTLS, ITLS, etc.), college courses, in service training, case reviews, conferences, etc. Up to 10 hours of the refresher training can be by Distributive Education (online, video or magazine-based). You must ensure that you cover every topic within the four divisions of the mandatory core content. You must also cover each of the five divisions of the flexible core content; however, you are not required to cover each topic.

**Mandatory Core Content - 24 hours total****Airway, Breathing and Cardiology - 8 hours**

- Provide ventilatory support for a patient
- Attempt to resuscitate a patient in cardiac arrest
- Provide care to a patient experiencing cardiovascular compromise
- Provide post resuscitation care to a cardiac arrest patient

**Medical Emergencies - 3 hours**

- Assess and provide care to a patient experiencing an allergic reaction
- Assess a patient with possible overdose
- Assess and provide care to a near-drowning patient

**Trauma - 5 hours**

- Perform a rapid trauma assessment
- Assess a patient with a head injury
- Assess and provide care to a patient with a suspected spinal injury
- Provide care to a patient with a chest injury
- Provide care to a patient with an open abdominal injury
- Provide care to a patient with shock/hypoperfusion

**Obstetrics and Pediatrics - 8 hours**

- Assess and provide care to an infant or child with cardiac arrest
- Assess and provide care to an infant or child with respiratory distress
- Assess and provide care to an infant or child with shock/hypoperfusion

- Assess and provide care to an infant or child with trauma

**Flexible Core Content - 24 hours total****Airway, Breathing and Cardiology - 8 hours**

- Assess and provide care for respiratory distress in an adult patient
- Use oxygen delivery system components
- Perform techniques to assure a patent airway
- Assess and provide care to a patient experiencing non-traumatic chest pain/discomfort

**Medical Emergencies - 5 hours**

- Assess and provide care to a patient with an altered mental status
- Assess and provide care to a patient with a history of diabetes
- Assess and provide care to a patient experiencing a seizure
- Assess and provide care to a patient exposed to heat or cold
- Assess and provide care to a patient experiencing a behavioral problem
- Assess and provide care to a patient with suspected communicable disease

**Trauma - 1 hour**

- Provide care to a patient with a painful, swollen, deformed extremity
- Assess and provide care to a patient with a burn injury

**Obstetrics and Pediatrics - 8 hours**

- Assess and provide care to an infant or child with suspected abuse or neglect
- Assess and provide care to an infant or child with a fever
- Assess and provide care to an obstetric patient
- Provide care to a newborn
- Provide care to a mother immediately following delivery of a newborn

**Operational Tasks - 2 hour**

- Use body mechanics when lifting and moving a patient



- Communicate with a patient while providing care

## 2. Additional EMS Related Continuing Education-24 hours

The following are maximum hours per course that can be applied towards Additional EMS Related Continuing Education hours:

- A maximum number of 12 hours can be applied from any one topic area
- Hour for hour credit can be applied from each of the following courses: ABLIS; ACLS; AMLS; EMPACT, EPC, PEPP, PALS, PHTLD, ITLS, etc.
- A maximum number of 12 hours can be applied from each of the following courses: Teaching CPR - Emergency Driving - Dispatch Training
- A maximum number of 12 hours can be applied from Distributive Education (online, video, or magazine-based) towards this section and must be state or CECBEMS approved.

### **College Courses** (1 college credit = 8 CEU)

Hour for hour credit can be applied for college courses that relate to your role as an EMS professional (for example, but not limited to: anatomy, physiology, biology, chemistry, microbiology, pharmacology, psychology, sociology, statistics, etc.)

Hours from the following courses can be applied hour for hour with no maximum: Advanced Trauma Life Support, EMS Course Instruction, and Wilderness EMS Training.

**Courses That Cannot Be Applied towards Additional Continuing Education Hours:** Clinical Rotations, CPR, Emergency Medical Responder Course, home study programs, instructor courses, management/leadership courses, performance of duty, preceptor hours, serving as a skill examiner, and volunteer time with agencies.

## 3. CPR Certification

Submission of approved CPR credential for the professional rescuer. Credential must be current and valid. Verification may be in the form of an instructor's signature on the recertification application or copies of both sides of a current card.

## 4. ACLS

Submission of approved ACLS equivalent to current AHA Guidelines for CPR and ECC. Credential must be current through March 31. Verification may be in the form of a card or certificate.