



# Pediatric Training Opportunities



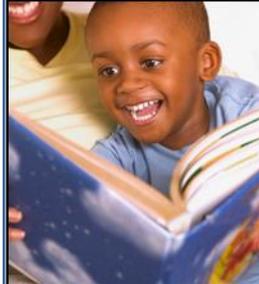
In order to assist Idaho EMS providers in finding education opportunities to fulfill this requirement, the Idaho EMSC Program has compiled the following list. ***Please note that this document is provided for informational purposes only. The Bureau does not require providers to take the training courses below; nor does the Bureau recommend any one over another on this list. These training resources are listed purely as a courtesy to providers seeking pediatric continuing education.*** Click on the icons below or scroll to browse the list. This document is frequently updated and can be found online at [www.idahoems.org](http://www.idahoems.org) (click on the 'EMS for Children' link).



EMSC State Partnership Grant Developed Education



Online Courses



Articles



Nationally Recognized Courses



## EMSC State Partnership Grant Developed Education

Name	Description	Cost	Website
EMS for Children Online Training Program <i>(New Mexico)</i>	Module Series with currently 9 modules available primarily for pre-hospital EMS personnel's scope of practice, however, can benefit all healthcare providers. <ul style="list-style-type: none"> <li>• Pediatric Seizures</li> <li>• Diabetes in Children</li> <li>• Blunt Chest Trauma</li> <li>• Methamphetamine in Children</li> <li>• Children with Special Health Care Needs – Down Syndrome</li> <li>• Children with Special Health Care Needs – Technology Dependent Children</li> <li>• Child Abuse – Shaken Baby Syndrome</li> <li>• Poisoning – Toxic Exposure</li> <li>• Many Other Pediatric Topics</li> </ul>	Taking the modules is free.  \$5 to obtain CECBEMS approved CE.	<a href="http://hsc.unm.edu/emersed/PED/emsc/training/course.shtml">http://hsc.unm.edu/emersed/PED/emsc/training/course.shtml</a>
Pediatric Emergencies <i>(New Mexico)</i>	This is an exciting virtual online course for all healthcare providers that presents pediatric emergencies. It is a companion course to <i>A Multi-Systems Approach to Pediatric Trauma</i> , but differs in that education focuses on emergency care for the ill child. The course is also scenario based with streaming video, rich multimedia and interactive instruction. <ul style="list-style-type: none"> <li>• Use of the Pediatric Length Based Resuscitation Tape in a Status Epilepticus Scenario</li> </ul>	Taking the modules is free.  \$5 to obtain CECBEMS approved CE.	<a href="http://hsc.unm.edu/emersed/PED/education/pedEmer/pedEmer.shtml">http://hsc.unm.edu/emersed/PED/education/pedEmer/pedEmer.shtml</a>
A Multi-Systems Approach to Pediatric Trauma <i>(New Mexico)</i>	This is true "edutainment" with streaming video, rich multi-media and interactive instruction. Each module presents a different facet of the Multi-Systems Approach and how they interface and interact together to medically treat the pediatric trauma patient. <ul style="list-style-type: none"> <li>• Pediatric Head Neck &amp; Spine Trauma – Part 1 &amp; 2</li> <li>• Pediatric Abdomen &amp; Chest Trauma – Part 1, 2, &amp; 3</li> <li>• Pediatric Multiple Patient Incidents</li> <li>• Pediatric Musculoskeletal Trauma – Part 1</li> </ul>	Taking the modules is free.  \$5 to obtain CECBEMS approved CE.	<a href="http://hsc.unm.edu/emersed/PED/education/pedsTrauma/pedsTrauma.shtml">http://hsc.unm.edu/emersed/PED/education/pedsTrauma/pedsTrauma.shtml</a>

## EMSC State Partnership Grant Developed Education (continued)

Name	Description	Cost	Website
Virtual School Nurse and EMS Course <i>(New Mexico)</i>	A School Nurse Emergency Preparedness course with 15 modules. These modules utilize streaming video technology that provide exciting and enhanced learning. <ul style="list-style-type: none"> <li>• Emergency Preparedness Program Planning</li> <li>• School Nurse &amp; EMS Continuum of Care</li> <li>• School Emergency Preparedness and Medical Response Plans</li> <li>• Assessment and Triage</li> <li>• Special Emergencies and Gadgets</li> <li>• Skill Module – Emergency Care of the Airway</li> <li>• Skill Module – Emergency Care of the Spine – Part 1 &amp; 2</li> <li>• Skill Module – Musculoskeletal Emergency Care – Part 1 &amp; 2</li> <li>• Skill Module – Patient Assessments</li> <li>• Scenario Module – Series 1, 2, 3 &amp; 4</li> </ul>	Taking the modules is free.  \$5 to obtain CECBEMS approved CE.	<a href="http://hsc.unm.edu/emersed/PED/school_rn/school_rn.shtml">http://hsc.unm.edu/emersed/PED/school_rn/school_rn.shtml</a>
Acute Assessment & Management of Pediatric Trauma <i>(Washington)</i>	This curriculum is designed primarily for inpatient providers (physicians and nurses) of early care to injured children. However, the curriculum is also of potential value to all pediatric trauma care providers, both in the inpatient and prehospital settings. This curriculum consists of 7 independent modules, each focused on a specific, key topic in pediatric trauma care. Each module contains a 5-question post-test, and can be completed in approximately one hour (i.e., the entire curriculum can be completed in 7 hours or less). The curriculum does not have to be completed in a single setting. <ul style="list-style-type: none"> <li>• Initial Stabilization &amp; Transfer of Pediatric Trauma</li> <li>• Pediatric Airway &amp; Breathing</li> <li>• Pediatric Shock, including vascular access</li> <li>• Pediatric Head Injuries</li> <li>• Pediatric Blunt Abdominal &amp; Chest Trauma</li> <li>• Pediatric Sedation &amp; Analgesia</li> <li>• Complication of Pediatric Multi-Organ Trauma &amp; Other Injuries (Drowning, Burns)</li> </ul>	Free	<a href="http://depts.washington.edu/pedtraum/">http://depts.washington.edu/pedtraum/</a>  <b>Special Note: To receive credit, you must select "Login as a Washington state trauma care provider who wishes to meet the PER and is now to this site (create a new account). If you select "Login as a general participant" you will not be able to receive credit.</b>

## EMSC State Partnership Grant Developed Education (continued)

Name	Description	Cost	Website
Pediatric Mild Traumatic Head Injury <i>(Illinois)</i>	The purpose of this educational module is to enhance the care of pediatric patients who present with mild traumatic head injury. It will discuss a number of topic including: <ul style="list-style-type: none"> <li>• Assessment</li> <li>• Management</li> <li>• Disposition &amp; Patient Education</li> <li>• Complications</li> </ul> <p><i>Approximately 1 hour</i></p>	Free	<a href="http://www.luhs.org/depts/emsc/pmthi_narrated_web.htm">http://www.luhs.org/depts/emsc/pmthi_narrated_web.htm</a>
Here to Help: Proper Child Restraints in Emergency Vehicles <i>(South Carolina)</i>	Targeting prehospital providers, this 60-minute program addresses the importance of restraining children when being transported in an ambulance and demonstrates the use of a variety of child restraint devices.	Free	<a href="http://www.ncems.org/pediatric-transport/">http://www.ncems.org/pediatric-transport/</a>

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## Online Courses

Name	Description	Cost	Website
Pediatric Disaster Planning and Preparedness <i>(EMSC National Resource Center)</i>	Primarily targeting emergency management officials, EMS responders, hospital personnel, and school management personnel, this course includes five modules: Why Disaster Planning for Children Is Needed; Accessing Community Risk for Disasters Involving Children; Preparing the Community for Disasters Involving Children; Responding to Disasters Involving Children (Assessment/Triage); and Responding to Disasters Involving Children (Resuscitation/Treatment.)	Free	<a href="http://uat.dcchildrens.com/chexwizarding/pediatricdisasterwbtprogram/index.html">http://uat.dcchildrens.com/chexwizarding/pediatricdisasterwbtprogram/index.html</a>

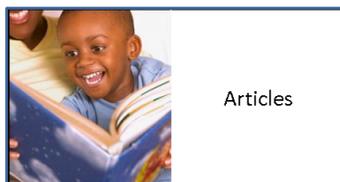
## Online Courses, Continued

Name	Description	Cost	Website
LEARN: Rhythm Pediatric (AHA)	This course is aimed at all healthcare providers, especially those preparing for a Pediatric Advanced Life Support (PALS) course. It is designed to teach basic pediatric rhythm recognition skills, the relationship between the electrocardiogram (ECG) strip and heart impulses and how to identify and distinguish between common pediatric arrhythmias. The course employs a variety of different educational approaches, including interactive activities, animation, audio, and self-assessment portions.	\$34.95 for 2 CECBEMS Approved CE	<a href="http://www.onlineaha.org/index.cfm?fuseaction=info.pals">http://www.onlineaha.org/index.cfm?fuseaction=info.pals</a> .
Acute Assessment & Management of Pediatric Trauma (Harborview Medical Center – Washington)	This curriculum is designed primarily for inpatient providers (physicians and nurses) of early care to injured children. However, the curriculum is also of potential value to all pediatric trauma care providers, both in the inpatient and prehospital settings. 7 separate modules: <ul style="list-style-type: none"> <li>• Initial Stabilization &amp; Transfer of Pediatric Trauma</li> <li>• Pediatric Airway &amp; Breathing</li> <li>• Pediatric Shock, Including Vascular Access</li> <li>• Pediatric Head Injuries</li> <li>• Pediatric Blunt Abdominal &amp; Chest Trauma</li> <li>• Pediatric Sedation &amp; Analgesia</li> <li>• Complications of Pediatric Multi-Organ Trauma &amp; Other Injuries (Drowning, Burns)</li> </ul>	Free	<a href="http://depts.washington.edu/pedtraum/">http://depts.washington.edu/pedtraum/</a>
EMS & Tracheostomy (University of Wisconsin- Madison)	The objectives of this presentation are to: <ul style="list-style-type: none"> <li>• Become familiar with the different tracheostomy tubes</li> <li>• Identify common tracheostomy emergencies</li> <li>• Review EMS management of tracheostomy emergencies</li> <li>• Demonstrate suctioning and changing a tracheostomy tube</li> </ul> (1 hour 7 minutes)	Free	<a href="http://videos.med.wisc.edu/videoInfo.php?videoId=798">http://videos.med.wisc.edu/videoInfo.php?videoId=798</a>
Understanding & Planning for School Bomb Incidents (New Mexico Tech)	The objectives of this presentation are to: <ul style="list-style-type: none"> <li>• Warning signs of aggressive student behavior</li> <li>• Threat assessment &amp; critical bomb threat response actions</li> <li>• Recognition of improvised (homemade) explosive devices</li> <li>• Effective school bomb threat response plans</li> </ul> (4 hours)	Free	<a href="http://campus.emrtc.nmt.edu/campus/index.k2">http://campus.emrtc.nmt.edu/campus/index.k2</a>

## Online Courses, Continued

HealthStream	<p>Provides training and online CE to EMS professionals:</p> <ul style="list-style-type: none"> <li>• An Introduction to Congenital Cardiovascular Disorders</li> <li>• Assessment and Care during the First Four Weeks of Life</li> <li>• Assessment and Management of the Pediatric Patient</li> <li>• Children with Special Health Care Needs</li> </ul>	\$29-\$69 depending on membership level	<a href="http://www.healthstream.com/crsLib/ems.htm">http://www.healthstream.com/crsLib/ems.htm</a>
EmCert.com	<p>Provides e-learning, self-study CE programs for EMS &amp; Fire/Rescue professionals:</p> <ul style="list-style-type: none"> <li>• Assessment</li> <li>• Asthma</li> <li>• Poisoning</li> <li>• Trauma for Two – Trauma in Pregnancy</li> </ul>	\$20-\$100 depending on membership level	<a href="http://www.emcert.com/default.aspx">http://www.emcert.com/default.aspx</a>
CE Solutions	<p>Read the article, and take the quiz at the end. Receive a passing score, and you'll receive a continuing education certificate.</p> <ul style="list-style-type: none"> <li>• Child Abuse</li> <li>• Febrile Seizure Management</li> <li>• Neonatal Emergencies</li> <li>• Neonatal Emergencies – Basic</li> <li>• Abdominal Injuries</li> <li>• Burns</li> <li>• Cardiac Arrest</li> <li>• Environmental Emergencies: Hypothermia</li> <li>• Poisoning</li> <li>• Shock</li> <li>• RSV</li> </ul>	\$25-\$100 depending on registration level	<a href="http://www.ems-ce.com/">http://www.ems-ce.com/</a>

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## Articles

Name	Description	Cost	Website
Prescription for Danger <i>(EMSWorld.com and RapidCE.com)</i>	Objectives: <ul style="list-style-type: none"> <li>Review the incidences of teenage prescription drug abuse</li> <li>Discuss risk factors for drug abuse</li> <li>Review prehospital assessment and management of teenage prescription drug abusers</li> <li>Discuss drug isolation and long-term management of these patients.</li> </ul>	Free to read. \$6.95 to obtain CECBEMS approved CE.	<a href="http://www.emsworld.com/features/article.jsp?siteSection=0&amp;id=15485">http://www.emsworld.com/features/article.jsp?siteSection=0&amp;id=15485</a>
EMS Management of Catastrophic Cheerleading Injuries <i>(EMSWorld.com and RapidCE.com)</i>	Objectives: <ul style="list-style-type: none"> <li>Outline cheerleader injury rates</li> <li>Discuss mechanism of injury</li> <li>Review trauma triage</li> <li>Discuss spinal cord injury management</li> <li>Explain assessment and prehospital management of traumatic brain injuries</li> </ul>	Free to read. \$6.95 to obtain CECBEMS approved CE.	<a href="http://www.emsworld.com/article/10319206/ems-management-of-catastrophic-cheerleading-injuries">http://www.emsworld.com/article/10319206/ems-management-of-catastrophic-cheerleading-injuries</a>
Fever in the Neonate and Young Infant <i>(EMSWorld.com and RapidCE.com)</i>	Objectives: <ul style="list-style-type: none"> <li>Review maintenance of normal body temperature, purpose of fever, and development of the immune system</li> <li>Discuss assessment and management of the neonate and young infant with fever.</li> </ul>	Free to read. \$6.95 to obtain CECBEMS approved CE.	<a href="http://www.emsworld.com/article/10318728/fever-in-the-neonate-and-young-infant">http://www.emsworld.com/article/10318728/fever-in-the-neonate-and-young-infant</a>
Pediatric Airway Maintenance <i>(JEMS)</i>	Objectives: <ul style="list-style-type: none"> <li>Describe unique anatomic and physiologic features of the pediatric upper airway, and relate their significance to the management of pediatric airways</li> <li>Identify benefits and drawbacks of mechanical ventilators and ventilation via bag-valve mask, and identify factors to consider when deciding which to use in the prehospital setting</li> <li>Describe how mechanical ventilators work, including ventilator modes and volume- versus pressure-targeted delivery</li> <li>Describe the steps taken when a ventilator-dependent patient's respiratory status begins to deteriorate</li> </ul>	Free Not CECBEMS approved CE.	<a href="http://www.jems.com/article/patient-care/pediatric-airway-maintenance-c">http://www.jems.com/article/patient-care/pediatric-airway-maintenance-c</a>
Wheezing in the Pediatric Patient <i>(EMSWorld.com and RapidCE.com)</i>	Objectives: <ul style="list-style-type: none"> <li>Describe the similarities and differences between the pathophysiology of bronchiolitis and asthma</li> <li>Discuss the epidemiological characteristics of bronchiolitis and asthma</li> </ul>	Free to read. \$6.95 to obtain CECBEMS approved CE.	<a href="http://www.emsworld.com/print/EMS-World/CE-Article--Wheezing-in-the-Pediatric-Patient-/1\$15679">http://www.emsworld.com/print/EMS-World/CE-Article--Wheezing-in-the-Pediatric-Patient-/1\$15679</a>

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**Nationally Recognized Courses**

Name	Description	Cost	Contact
Emergency Pediatric Care (EPC)	Developed by NAEMT, this program is for prehospital practitioners committed to providing quality care for pediatric patients. Course lectures and interactive sessions address assessment; airway, breathing and circulation; understanding and caring for children; hypoperfusion and shock; cardiac emergencies and congenital cardiac defects, common medical emergencies, trauma, newborn resuscitation, vascular access, care team management, spinal motion restriction, children with special health-care needs, identification of life threats, scene choreography, transport decisions, and child abuse and neglect.	Varies	Contact the Idaho EMSC Program to schedule an EPC course in your area.

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