



YALE-NEW HAVEN HOSPITAL

Sponsor Hospital Program

Educational Programs Catalog

2017

New Haven Sponsor Hospital Training Facility

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www.sponsorhospital.org

Contents

Our Mission.....	4
Our Vision.....	4
Guiding Principles	4
Accreditation	4
History.....	4
Resources	5
Our Philosophy.....	6
Non-Discrimination Policy	6
Sexual Harassment Policy	7
Smoke and Tobacco Free Policy.....	7
Registering for available classes.....	8
YALE-NEW HAVEN SPONSOR HOSPITAL PARAMEDIC PROGRAMS	9
Emergency Medical Technician (EMT) Program	10
EMT/EMR Refresher Program	14
PARAMEDIC (PM) PROGRAMS.....	15
PARAMEDIC REFRESHER PROGRAM.....	18
CRITICAL CARE TRANSPORT PARAMEDIC PROGRAM.....	19
PROGRAMS FROM THE AMERICAN HEART ASSOCIATION.....	20
BLS for Health Care Providers (BLSHCP)	20
Advanced Cardiac Life Support Provider (ACLSP)	22
Advanced Cardiac Life Support Renewal (ACLSR).....	25
Pediatric Advanced Life Support Provider (PALSP).....	28
Pediatric Advanced Life Support Renewal (PALSR)	31
American Heart Association (AHA) Instructor Course	34
PROGRAMS FROM THE NATIONAL ASSOCIATION OF EMTS	35
Pre-Hospital Trauma Life Support Provider (PHTLSP)	35
Pre-Hospital Trauma Life Support Refresher (PHTLSR)	36
Geriatric Education for Emergency Medical Services (GEMS)	38
Tactical Combat Casualty Care (TCCC)	40

Tactical Emergency Casualty Care (TECC).....	41
Bleeding Control (B-CON).....	43
EMT Safety Course.....	45
Principles of Ethics and Personal Leadership (PEPL).....	46
Advanced Medical Life Support (AMLS).....	47
PROGRAMS FROM THE AMERICAN ACADEMY OF PEDIATRICS.....	49
Pediatric Education for Pre-Hospital Professional (PEPP).....	49

Our Mission

The Hospital of Saint Raphael (HSR) and Yale–New Haven Hospital (YNHH) have provided education and oversight to the emergency medical services (EMS) system in the South Central Connecticut region since its inception in the 1970's. In 1989 they created New Haven Sponsor Hospital Program (NHSHP) to continue this mission as a joint venture due to some legislative changes.

Our Vision

YNHSHP believes in evidence driven medical practice and education. Our initial education programs such as the Paramedic Program are not specific to local protocol. YNHSHP believes that good Advanced Life Support first and foremost begins with a strong base of excellent Basic Life Support.

Guiding Principles

Our emphasis on anatomy, physiology, and pathophysiology provides YNHSHP students with the tools needed to address basic and advanced pre-hospital and out of hospital medicine both today and in the future.

Accreditation

Our programs exceed all Department of Transportation (DOT) National Highway Traffic Safety Administration's (NHTSA) National Standard Curriculum and National Education Standard's objectives and include optional skills adopted by many states.

History

YNHSHP is a part of, and supported by, the resources of both Yale New Haven Hospital and its campuses. Yale New Haven Hospital (YNHH) is a 900-bed tertiary care medical center and Level I trauma center that includes the 201-bed Yale–New Haven Children's Hospital and the 76-bed Yale–New Haven Psychiatric Hospital

and the 511 bed Yale New Haven campus, formerly known as Hospital of Saint Raphael (HSR). Both campuses are teaching hospitals for Yale University School of Medicine and other allied health professions programs and are licensed by the State of Connecticut and accredited by the Joint Commission on Accreditation of Healthcare Organizations (JCAHO) and the Accreditation Council for Graduate Medical Education (ACGME). In addition, YNHSHP has contractual relationships with a number of other hospitals, clinics and patient care settings for the purpose of providing student experiences all with the same or similar accreditations and licensure. YNHSHP students will have rotations at the New Haven Central Medical Communications (CMED) Agency and the Connecticut State Poison Control Center.

YNHH purchased HSR with the acquisition taking effect on September 12, 2012 and continues to operate NHSHP as Yale–New Haven Sponsor Hospital Program (YNHSHP). YNHSHP currently provides medical oversight for Allingtown Fire District, American Medical Response (New Haven), Bethany Volunteer Fire Department Ambulance, Branford Fire Department, East Haven Fire Department, Guilford Fire Department, Hamden Fire Department, Madison Emergency Medical Services, Madison Hose Company No. 1, Madison Police Department, Nelson Ambulance Service, New Haven Fire Department, Yale New Haven Sponsor Hospital Area Response Physicians (SHARP) Team, North Branford Police Department, North Branford Volunteer Fire Department, North Haven Fire Department, North Madison Volunteer Fire Company, Orange Police Department, West Haven Fire Department Center District, West Shore Fire District, Woodbridge Police Department, Woodbridge Volunteer Fire Department, and Yale Student EMS as well as providing emergency medical training for EMS providers, 911 dispatchers, allied health professionals, and the community.

Resources

YNHSHP maintains close ties and contracts with a variety of EMS agencies in the immediate New Haven area and beyond for the purpose of student field internship experiences including high volume urban and suburban; transport, first response and intercept EMS services. These services represent fire based, private, and third service agencies.

At our New Haven campus, students have the use of a library containing over 300 EMS books, over 100 videos, and 10 monthly EMS and medical journal subscriptions. In addition we have a growing collection of computerized EMS tutorial programs of interest to students of all levels. There are computer work stations and Wi-Fi access for student use at the Willow street campus. In addition we have access to the libraries of Yale University and Yale New Haven Hospital. For access to these resources contact the YNHSHP faculty. The Willow Street facilities have a student lounge and kitchenette, and multiple laboratory spaces and other study spaces, when not scheduled for other programs, that are open for student use. Students are welcome to use the Willow Street facility to study or practice with non-human invasive lab skills at any time we are open including Monday through Saturday 0830 hrs to 1700 hrs and many evenings. Often faculty is on campus and may be available ad hoc to assist with questions or additional laboratory practice time but students should make an appointment to be sure of faculty availability.

YNHSHP maintains a web page which has “hot links” to faculty mailboxes for student questions or comments. Our internet address is www.sponsorhospital.org and the link to faculty mailboxes can be found in the faculty section of our home page. Our e-mail addresses are all structured as firstname.lastname@ynhh.org.

Our Philosophy

The programs offered at the YNHSHP are directed toward providers who take responsibility for their own education, growth, and development and especially for the professional behavior and attitude necessary for providers who will be the practitioners and leaders of EMS in the future. The YNHSHP provides a comprehensive learning environment for our students that is filled with problem-solving, critical thinking and “systems-thinking” to ensure these outcomes.

Non-Discrimination Policy

The Yale New Haven Sponsor Hospital Program admits students on the basis of merit and without discrimination on the basis of race, color, age, gender, national or ethnic origin, sexual orientation or marital status to all of the rights, privileges,

programs and activities generally accorded or made available to students at the school. The Yale New Haven Sponsor Hospital Program does not discriminate on the basis of race, color, age, sex, marital status, national or ethnic origin, or sexual orientation in the administration of its educational policies, admissions policies, scholarships and loan programs and athletic or other school administered programs. In addition to the policy, UNH Non Discrimination Policy Page 75 of UNH Student Handbook applies to UNH enrolled students.

Sexual Harassment Policy

Harassment on the basis of sex is a violation of Title VII of the Civil Rights Act of 1964 as amended.

Unwelcome sexual advances, requests for sexual favors, and other verbal or physical conduct of a sexual nature constitute sexual harassment when:

1. Submission to such conduct is made either explicitly or implicitly a term or condition of an individual's employment or student status;
2. Submission to or rejection of such conduct by an individual is used as the basis for employment or program status decisions affecting such individual; or
3. Such conduct has the purpose or effect of unreasonably interfering with an individual's work performance or creating an intimidating, hostile, or offensive work or learning environment. (Excerpt from U.S. Equal Opportunity Commission)

Any student who feels that they have been subjected to sexual harassment by a fellow student or faculty member should fill out an incident report form as objectively as possible and submit it to the director of the particular course, Educational Programs Coordinator or the YNHSHP Director or a member of YNHSHP Operations Committee. A meeting will be held with the student writing the report to discuss the matter. Sexual harassment allegations will be taken with the utmost of seriousness, fully investigated and this behavior will not be tolerated.

Smoke and Tobacco Free Policy

Recognizing that smoking and exposure to smoke and the use of nicotine in general is a major cause of chronic health problems and preventable deaths, YNHSHP prohibits smoking and chewing of tobacco within the classroom building in New Haven. This includes the use of "e-cigarettes". Students who must smoke

or chew are expected to utilize the designated smoking area at the eastern corner of the parking lot across the street. Cigarette butts must be disposed of properly in a trash receptacle. There is to be no smoking around the doorways or walkways of 77 Willow Street. When YNHSHP courses are held away from the Willow street campus, smoking and chewing will still be prohibited within the classroom. YNHSHP students will follow the smoking policies of the host facility for designated smoking areas or will follow respective hospital policy during clinical and field internships. Students should be aware that many clinical sites, including Yale New Haven Hospital and its campus formerly known as Hospital of Saint Raphaels, do not allow tobacco use anywhere on their property including in personal vehicles. Missing parts of classes or being absent from clinical sites in order to use tobacco will be treated as an unexcused absence.

Registering for available classes

Registration is completed through our website: sponsorhospital.org. Click on the training center tab and be directed to our registration system. Students will need to create an account first, and then one can register for any available classes. Payment is accepted through the website using MasterCard or Visa. Payment can also be made via check or money order. We apologize for any inconvenience, but our facility does not have the capability to accept cash payment. Checks and money orders can be made out to "YNHSHP".

Registration is accepted until the class is full or one week before class starts

YALE-NEW HAVEN SPONSOR HOSPITAL PARAMEDIC PROGRAMS



The Yale New Haven Sponsor Hospital Paramedic Program is accredited by the Commission on Accreditation of Allied Health Education Programs (www.caahep.org) upon the recommendation of the Committee on Accreditation of Educational Programs for the Emergency Medical Services Professions (CoAEMSP).”

“To contact CAAHEP:

Commission on Accreditation of Allied Health Education Programs

1361 Park Street

Clearwater, FL 33756

727-210-2350

www.caahep.org”

“To contact CoAEMSP:

8301 Lakeview Parkway, Suite 111-312

Rowlett TX 75088

(214) 703-8445

FAX (214) 703-8992

www.coaemsp.org”

Emergency Medical Technician (EMT) Program



EMT Classes begin in January, May and September each year

Applications are accepted up until one week before class starts

Class times are 9am–1pm OR 6pm to 10pm, on Monday, Wednesday and Friday, with the exception being the May class is held Tuesday, Wednesday and Thursday

Cost as of January 2017 – \$1,350 per student

Description

The Emergency Medical Technician (EMT) is the entry level of pre-hospital emergency medical providers. EMTs respond to emergency situations that occur outside of the hospital or clinic setting such as automobile crashes, heart attacks, strokes, drowning, emergency child births, poisonings, falls, and gunshot wounds in which the EMT would be responsible for administering potentially life-saving medical care. EMTs are often the first medical provider to arrive at the scene where they must determine the nature and extent of the illness or injury present and establish priorities for patient care. They then must proceed to provide medical care, secure the patient and then transport them to the most appropriate facility. To assure the most appropriate and timely treatment in the facility, the EMT will inform the hospital of the illness or injury as well as all pertinent information via the radio prior arriving. The EMT will constantly monitor the patient's condition and provide additional care as needed during the transportation. EMTs also have ambulances or specially equipped vehicles to respond to and care for their patients. These vehicles include special equipment such as splinting and immobilization devices, lifting and moving equipment, medical supplies, and equipment. In the pre-hospital environment, EMTs act in accordance with

protocols and procedures set by their system's Medical Director. They work in conjunction with other healthcare workers to provide the most comprehensive medical care possible. Career options are available in urban and rural settings, primarily in conjunction with fire departments, ambulance services, or other rescue services however they can also be employed by hospitals, clinics, and other medical offices as patient care technicians.

In order to work as an EMT, one must successfully complete a formal training program and become certified.

The Yale New Haven Sponsor Hospital Program (YNHSHP) EMT Course is approximately 200 hours. It is approved by the State of Connecticut Office of Emergency Medical Services, and prepares the student for taking the National Registry of EMT (NREMT) exam for certification. This comprehensive course is designed as an entry level program that trains the layperson to be a proficient EMT based on the National Educational Standards. Approximately half of the program is delivered in standard lecture format while the other half is spent performing practical exercises and hands on skills in order to develop a good foundation of knowledge and be able to provide practical application of that knowledge base. The course covers anatomy and physiology, primary and secondary patient assessments, triage, airway management, oxygen therapy, treatment of bleeding and shock, cardiac arrest management, fracture care, spinal injuries, and other medical and traumatic emergencies. Additional areas of study include the use of automated external defibrillators, general pharmacology, and American Heart Association CPR certification. Our program also offers a full day extrication class involving a "jaws of life" demonstration. YNHSHP's facility offers over 14,000 square feet of dedicated training space which includes an ambulance simulator and street scape for more realistic hands on simulation training.

The course is broken down into the following modules each of which includes pertinent anatomy and physiology, didactic lecture presentations, and preparatory skill labs:

Module 1 – Preparatory

- EMS systems

- The role of the EMT
- Safety and well-being of the EMT
- Legal and ethical issues
- Basic anatomy and physiology
- Lifting and moving patients

Module 2 – Airway Management

- Airway anatomy and physiology
- Airway management techniques
- Oxygen and oxygen equipment

Module 3 – Patient Assessment

- Assessment of the medical and trauma patient
- Vital sign assessment
- Taking a patient history
- Documentation and communication

Module 4 – Medical Emergencies

- Basic pharmacology
- Respiratory emergencies
- Cardiac emergencies
- Diabetic emergencies
- Allergic reactions
- Poisonings and overdoses
- Environmental emergencies
- Psychiatric emergencies

- Obstetric and gynecological emergencies

Module 5 – Trauma Emergencies

- Bleeding and shock
- Soft tissue and musculoskeletal injuries
- Injuries to the head, neck, spine, chest, and abdomen

Module 6 – Infants and Children

- Physical and psychological differences between adults and children
- Pediatric medical and traumatic emergencies

Module 7 – Operations

- Ambulance operations
- Rescue and extrication
- Multiple patient situations
- Hazardous materials

In addition to the above, students are required to complete 32 hours of clinical time with 16 hours of hospital-based emergency department time and 16 hours of pre-hospital ride time with one of our affiliated EMS/Fire services. These rotations are scheduled through the program at times convenient to the student.

There is a mandatory uniform required during all classroom and clinical times. On the first day of class, bring a collared solid RED shirt with \$15 cash for embroidery. Additional shirts may be purchased through the class. The uniform consists of the red embroidered shirt, navy blue cargo or EMS pant and black uniform shoes or work boot. Mandatory ID badges will be made at the additional cost of \$10. More information about uniform shirt ordering information and pricing will be reviewed during orientation.

A \$550.00 deposit is required at time of registration with the remaining balance due within the first two weeks of class. The tuition includes everything needed to complete the course such as the EMT text book, CPR certification, stethoscope,

blood pressure cuff, and pen light. The tuition does NOT however include the cost of taking the NREMT exam (which is required for State of CT Certification) or the State of CT practical Skills Exam, or uniform or badge expenses.

EMT/EMR Refresher Program

Classes are held twice a year in the Spring and Fall (consult the website for exact dates and times); Cost of class as of January 2017 – \$375.00 per student

Description

The EMT/EMR Refresher is a 34.5 credit hour program designed to meet the State of CT requirement for the 3-Year Emergency Medical Technician/Emergency Medical Responder recertification. A combination of distance learning and classroom lecture prepares students for extensive hands on practical skills evolutions and skill building. Tuition includes CPR recertification, State of CT Written Examination administration, and facility administered Practical Skills. Please note that additional hours will be required for NREMT Re-Certification and this program is only designed to meet the State of CT requirements. Students must present a valid CPR card on the first day of class. In addition, on Monday night students will receive a list of online course components and directions to be completed by the Saturday class. Tuition to any YNHSHP CPR course is included with your tuition and requires a call to the office to register once your online account has been set up and you have registered for the EMT Refresher.

PARAMEDIC (PM) PROGRAMS



Classes begin each September (see website for exact dates and times)

Cost of Class \$8,450.00 which includes all books.

Description

Paramedic Program 2017–2019

Total program length approximately 1520 hours divided into didactic and lab, clinical experiences in the hospital, and field internship. The program is objective based with certain numerical requirements and therefore individual time to complete may vary.

The Paramedic Program is semester based with the following timeframes.

Semester I

This semester covers Anatomy/Physiology and Introduction to Paramedicine. The semester will run from 09/02/17– 12/21/2017 on Mondays and Thursdays from 6pm–10pm and eight Tuesdays from 8am–5pm (10/6, 10/20, 10/27, 11/3, 11/10, 11/17, 11/24, 12/01, and 12/15).

Semester II

This semester will cover Cardiology and Pre-Hospital Medicine. The semester will run from 01/04/18 – 05/12/18 on Mondays and Thursdays from 6pm–10pm and seven Tuesdays from 8am–5pm (01/19, 02/16, 03/08, 04/12, 04/26, and 5/10).

Semester III

This semester will cover Trauma and Emergency Operations. The semester will run from 06/02/2018 – 08/11/2018 on Tuesdays and Thursdays from 6pm – 10pm and five Wednesdays from 8am–5pm (6/8, 6/22, 7/6, 7/20, 8/3).

Semester IV

This semester will cover Pediatrics/OBGYN and Special Operations. The semester will run from 09/08/2018 to 12/22/2018 on Mondays and Thursdays from 6pm – 10pm and seven Tuesdays from 8am – 5pm (09/20, 10/4, 10/18, 11/01, 11/15, 11/29, 12/13).

Semester V

This semester will cover the Field Internship and NREMT Test Preparation. The semester will run from 01/04/19 – 05/17/19.

Program Technical Standards

As a student in the Yale New Haven Sponsor Hospital's Paramedic Program, you should be aware that certain physical and mental abilities will be needed to successfully complete portions of your classroom, clinical and field internship requirements. The following technical standards describe the physical and mental abilities necessary to complete the PARAMEDIC program and to practice as a paramedic in the field. These are NOT standards for admission. A PARAMEDIC must possess the physical capability, mental capacity and sufficient strength and motor coordination required to perform the following:

1. Lift, carry and balance a minimum of 125 lbs (250 with assistance) for the purpose of frequently lifting patients and stretchers often over uneven ground and footing.
2. Demonstrate manual dexterity, good motor skills, eye–hand coordination skills, and sensory functions using both upper and lower extremities. You must be able to perform these skills in confined spaces or under time constraints as well.
3. See and hear in a manner sufficient to respond to emergencies and assess patients while working alone often in an environment with loud noises and flashing lights and other distractions. This includes reading and interpreting both fine print and signs at a distance and under time constraint.
4. Drive an ambulance or rescue unit under emergency conditions, as well as at night and in adverse weather conditions.
5. Stand and walk for sustained periods of time.

6. Write and orally communicate under stressful conditions promptly and effectively.
7. Express or exchange ideas and interact with patients, peers, and other medical staff in person, or via portable radio in a professional manner in English.
8. Work with frequent interruptions and respond appropriately to unexpected situations. Work throughout an entire work shift with wide variations in work load and stress levels.
9. Cope with personal stresses (e.g. mood changes, loss of concentration) in a way that does not interfere with performance.
10. Demonstrate appropriate judgment and decision-making skills under highly stressful situations.

Application Process:

1. Submit completed application with supporting documentation to include high school and/or college transcripts, 3 letter of recommendation, copies of your EMT certification and drivers license.
2. Take the screening computer assessment of reading comprehension, math skills, and EMT knowledge.
3. Attend an interview with the medical director, didactic coordinator and a faculty member.

Please email michael.torino@ynhh.org for an application package. Call **203-562-3320** if you have questions or need further information after reading the application package.

PARAMEDIC REFRESHER PROGRAM

Classes are held six months a year (consult the website for specific dates and times); Cost to non-YNHSHP medical providers is \$50 per day per student

Description

The YNHSHP continues to offer 24 hour Paramedic Refresher Programs as the primary source of continuing education. These programs are designed for versatility and flexibility by being broken down into a Day 1, Day 2, and Day 3, with the same categorical content for each day remaining the same throughout the cycle as follows:

Day 1 – Airway, Breathing, and Cardiology

Day 2 – Medical and Trauma

Day 3 – Obstetrics and Pediatrics

It is therefore necessary to attend each day number (Day 1, Day 2, and Day 3) twice per cycle along with ACLS, PALS, and PEPP re-certifications (or any other combination of continuing education equaling 24 hours of elective content) in order to complete all of the two year CME requirements for NREMT re-registration and in order to meet the YNHSHP medical authorization requirements.

The Paramedic Refresher Day 1 is the first day of the 24 hour paramedic refresher. Day 1 contains 8 hours of continuing education in the categorical areas of airway, breathing, and cardiology and includes the transition material for the NREMT.

It is therefore necessary to attend each day number (Day 1, Day 2, and Day 3) twice per cycle along with ACLS, PALS, and PEPP re-certifications (or any other combination of continuing education equaling 24 hours of elective content) in order to complete all of the two year CME requirements for NREMT re-registration and in order to meet the YNHSHP medical authorization requirements.

Day 2 contains 4 hours of continuing education on Medical Emergencies and 4 hours of Trauma education and includes the transition material for the NREMT.

CRITICAL CARE TRANSPORT PARAMEDIC PROGRAM



Classes are held once a week for 14 weeks (consult website for specific dates and times)

Cost of class is \$1,300 per student

Intended Audience

Experienced Paramedics or health care providers interested in the Interfacility transport of unstable or potentially unstable patients receiving advanced invasive care including patients requiring airway management, mechanical ventilation, pressor or other pharmacological support, IABP support, and hemodynamic monitoring.

Description

This is a “flipped classroom” program with reasonably heavy readings from the on-line learning management system prior to classroom meetings. Half the class day is spent on case studies and discussion with the second half of the day being spent on psychomotor skills and high fidelity manikin simulations. Class time is 112 hours broken into 14 eight-hour sessions. 96 hours of clinical experiences in ICU, CCU, PICU and other critical care units will be accompanied by field internship.

This program is designed to prepare students to take the Board for Critical Care Paramedic Certification exam.

PROGRAMS FROM THE AMERICAN HEART ASSOCIATION



BLS for Health Care Providers (BLSHCP)

Classes are held multiple times each month, either morning class 8:30am –12:30 pm or 6pm – 10pm (consult the website for exact dates and time)

Cost of course is \$65 per student

Intended Audience

This course which covers both initial certification and recertification is designed for health care providers who may potentially respond to cardiovascular and respiratory emergencies which include but are not limited to physicians, nurses, paramedics, emergency medical technicians, respiratory therapists, physical and occupational therapists, physician's assistants, residents or fellows, medical or nursing students in training, aides, medical or nursing assistants, police officers, firefighters, lifeguards, and other allied health personnel or other emergency services personnel.

Description

The Basic Life Support (BLS) for Health-care Providers Course is designed to provide a wide variety of health-care professionals the ability to recognize several

life-threatening emergencies, provide CPR, use an automated external defibrillator (AED), and relieve choking in a safe, timely and effective manner.

This program requires approximately 4 hours to complete and includes:

- Skills practice and skills testing
- Key changes in basic life support, reflecting the new science from the 2010 American Heart Association Guidelines for Cardiopulmonary Resuscitation and Emergency Cardiovascular Care
- Critical concepts of high-quality CPR
- The American Heart Association Chain of Survival
- 1-Rescuer CPR and AED for adult, child, and infant
- 2-Rescuer CPR and AED for adult, child, and infant
- Differences between adult, child, and infant rescue techniques
- Bag-mask techniques for adult, child, and infant
- Rescue breathing for adult, child, and infant
- Relief of choking for adult, child, and infant
- CPR with an advanced airway*

* This is an introduction to the compression/ventilation rate and ratio for a patient who has an advanced airway in place. For more information on advanced airways, please refer to the AHA Airway Management Course.

Advanced Cardiac Life Support Provider (ACLSP)



Classes are held multiple times each month, 9am–5pm (consult the website for exact dates and time)

Cost of course is \$200 per student and an additional \$40 for the text

Intended Audience

Advanced Cardiac Life Support (ACLS) Provider Course is designed for healthcare providers who either direct or participate in the resuscitation of a patient, whether in or out of hospital and have not recently held ACLS certification.

Course Introduction

ACLS is an advanced, instructor–led classroom course that highlights the importance of team dynamics and communication, systems of care and immediate post–cardiac–arrest care. It also covers airway management, acute coronary syndromes, acute stroke management, and related pharmacology. In this course, skills are taught in group sessions. These small case based group learning exercises and testing stations are where problem based scenarios are presented.

In this 2 day course you will enhance your skills in the treatment of arrest and peri–arrest patients through active participation in a series of simulated cardiopulmonary cases. These simulations are designed to reinforce important concepts, including

- Identification and treatment of medical conditions that place the patient at risk for cardiac arrest
- The Basic Life Support (BLS) Skills
- The ACLS Secondary Survey
- ACLS algorithms
- Effective resuscitation team dynamics

The goal of the ACLS Provider Course is to improve the quality of care provided to the adult victim of cardiac arrest or other cardiopulmonary emergencies.

Course Objectives

Upon completion of this course, you should be able to:

- Recognize and initiate early management of peri-arrest conditions that may result in cardiac arrest or complicate resuscitation outcome
- Demonstrate proficiency in providing BLS care, including prioritizing chest compressions and integrating AED use
- Manage cardiac arrest until return of spontaneous circulation (ROSC), termination of resuscitation, or transfer of care
- Identify and treat ischemic chest pain and expedite the care of patients with acute coronary syndromes
- Recognize other life-threatening clinical situations, such as stroke, and provide effective initial care and transfer to reduce disability and death
- Demonstrate effective communication as a member or leader of a resuscitation team and recognize the impact of team dynamics on overall team performance

Course Description

To help you achieve these objectives, the ACLS Provider Course includes practice learning stations and a Megacode testing station. The practice learning stations give you an opportunity to actively participate in a variety of learning activities, including:

- Simulated clinical scenarios
- Demonstrations by instructors or video
- Discussion and role playing
- Practice in effective resuscitation team behaviors

In these learning stations you will practice essential skills both individually and as part of a team. This course emphasizes effective team skills as a vital part of the resuscitative effort. You will receive training in effective team behaviors and have the opportunity to practice as a team member and a team leader.

At the end of the course you will participate in a Megacode testing station to validate your achievement of the course objectives. A simulated cardiac arrest scenario will test the following:

- Knowledge of core case material and skills
- Knowledge of algorithms
- Understanding of arrhythmia interpretation
- Use of appropriate ACLS drug therapy

- Performance as an effective team leader

Course Prerequisites and Preparation

The ACLS Provider Course is limited to healthcare providers who either will direct or participate in the resuscitation of a patient, either in or out of hospital. Participants who enter the course must have the basic knowledge and skills to actively participate with the instructors and other students in course activities. ACLS does NOT teach ECG rhythm interpretation or basic pharmacology principles. The following knowledge and skills are required for course success:

- BLS skills
- ECG rhythm interpretation for core ACLS rhythms
- Basic ACLS drug and pharmacology knowledge
- Practical application of ACLS rhythms and drugs
- Effective resuscitation team concepts

All students must complete the online pre-course self-assessment and bring in the completion certificate. This can be completed by going to www.heart.org/eccstudent and entering the code: 'aclsprovider'.

Requirements for Successful Course Completion

To successfully complete the ACLS Provider Course and obtain your certification card, you must do the following:

- Pass the 1-rescuer CPR/AED testing station
- Participate, practice, and complete all learning stations
- Pass the Megacode testing station
- Pass the closed-book written exam with a minimum score of 84%

Advanced Cardiac Life Support Renewal (ACLSR)



Classes are held multiple times each month, 9am–5pm (consult the website for exact dates and time)

Cost of course is \$175 per student and an additional \$40 for the text

Intended Audience

The Advanced Cardiac Life Support (ACLS) Refresher Course is designed for healthcare providers who either direct or participate in the resuscitation of a patient, whether in or out of hospital and are currently certified or have recently held ACLS certification.

Course Introduction

In this 1 day refresher course you will enhance your skills in the treatment of arrest and peri-arrest patients through active participation in a series of simulated cardiopulmonary cases. These simulations are designed to reinforce important concepts, including:

- Identification and treatment of medical conditions that place the patient at risk for cardiac arrest
- The Basic Life Support (BLS) Primary Survey
- The ACLS Secondary Survey
- ACLS algorithms
- Effective resuscitation team dynamics

The goal of the ACLS Refresher Course is to improve the quality of care provided to the adult victim of cardiac arrest or other cardiopulmonary emergencies.

Course Objectives

Upon completion of this course, you should be able to:

- Recognize and initiate early management of peri-arrest conditions that may result in cardiac arrest or complicate resuscitation outcome

- Demonstrate proficiency in providing BLS care, including prioritizing chest compressions and integrating AED use
- Manage cardiac arrest until return of spontaneous circulation (ROSC), termination of resuscitation, or transfer of care
- Identify and treat ischemic chest pain and expedite the care of patients with acute coronary syndromes
- Recognize other life-threatening clinical situations, such as stroke, and provide effective initial care and transfer to reduce disability and death
- Demonstrate effective communication as a member or leader of a resuscitation team and recognize the impact of team dynamics on overall team performance

Course Description

To help you achieve these objectives, the ACLS Refresher Course includes practice learning stations and a Megacode testing station. The practice learning stations give you an opportunity to actively participate in a variety of learning activities, including:

- Simulated clinical scenarios
- Demonstrations by instructors or video
- Discussion and role playing
- Practice in effective resuscitation team behaviors

In these learning stations you will practice essential skills both individually and as part of a team. This course emphasizes effective team skills as a vital part of the resuscitative effort. You will receive training in effective team behaviors and have the opportunity to practice as a team member and a team leader.

At the end of the course you will participate in a Megacode testing station to validate your achievement of the course objectives. A simulated cardiac arrest scenario will test the following:

- Knowledge of core case material and skills
- Knowledge of algorithms
- Understanding of arrhythmia interpretations
- Use of appropriate ACLS drug therapy
- Performance as an effective team leader

Course Prerequisites and Preparation

The ACLS Refresher Course is limited to healthcare providers who either will direct or participate in the resuscitation of a patient, either in or out of hospital and have recently held ACLS certification. Participants who enter the course must have the basic knowledge and skills to actively participate with the instructors and other students in course activities. The following knowledge and skills are required for course success:

- BLS skills
- ECG rhythm interpretation for core ACLS rhythms
- Basic ACLS drug and pharmacology knowledge
- Practical application of ACLS rhythms and drugs
- Effective resuscitation team concepts

All students must complete the online pre-course self-assessment and bring in the completion certificate. This can be completed by going to www.heart.org/eccstudent and entering the code: "aclsprovider".

Requirements for Successful Course Completion

To successfully complete the ACLS Refresher Course and obtain your certification card, you must do the following:

- Pass the 1-rescuer CPR/AED testing station
- Participate, practice, and complete all learning stations
- Pass the Megacode testing station
- Pass the closed-book written exam with a minimum score of 84%

Pediatric Advanced Life Support Provider (PALSP)



Classes are held multiple times each month, 9am–5pm (consult the website for exact dates and time)

Cost of course is \$200 per student and an additional \$40 for the text

Intended Audience

The Pediatric Advanced Life Support (PALS) Provider Course is designed for healthcare providers who either direct or participate in the evaluation and resuscitation of pediatric patients, whether in or out of hospital and have not recently held PALS certification.

Course Introduction

The Pediatric Advanced Life Support (PALS) Provider Course is designed for healthcare providers who initiate and direct advanced life support beyond basic life support through the stabilization or transport phases of a pediatric emergency, either in or out of hospital. In this course you will enhance your skills in the evaluation and management of an infant or child with respiratory compromise, circulatory compromise, or cardiac arrest.

You will actively participate in a series of simulated core cases. These simulations are designed to reinforce important concepts, including:

- Identification and treatment of medical conditions that place the child at risk for cardiac arrest?
- The systematic approach to pediatric assessment, including general assessment, primary assessment, secondary assessment, and tertiary assessment?
- The assess–categorize–decide–act approach to assessment and management of a seriously ill infant or child
- Effective resuscitation team dynamics

The goal of the PALS Provider Course is to improve the quality of care provided to seriously ill or injured children, resulting in improved outcomes.

Course Objectives

Upon completion of this course, you should be able to:

- Understand and be able to perform the systematic approach to pediatric assessment of a seriously ill or injured child, including general, primary, secondary, and tertiary assessments
- Use the assess–categorize–decide–act approach to decision making?
- Recognize and manage a child in respiratory distress or failure and/or compensated or hypotensive shock
- Recognize and manage a child with life–threatening bradyarrhythmia, tachyarrhythmia, or arrest rhythm
- Describe the key elements of effective resuscitation team behaviors and explain why the foundation of successful resuscitation includes both mastery of basic skills and effective team dynamics
- Prevent further deterioration of a child's condition during the stabilization and transfer phases of care

You should also be able to demonstrate the following skills:

- Performance of effective respiratory management skills, including use of oxygen delivery devices, suctioning, oropharyngeal airway (OPA), nasopharyngeal airway (NPA), bag–mask ventilation, and endotracheal (ET) intubation (according to scope of practice)
- Appropriate use of electrical therapy, including defibrillation and synchronized cardioversion
- Proper technique for intraosseous (IO) access and fluid bolus administration
- Performance as a team leader or team member in simulated cases

Course Description

To help you achieve these objectives, the PALS Provider Course includes skill stations, CPR/AED competency testing, learning stations, core cases testing stations, and written testing.

This course includes the following skill stations:

- Management of respiratory emergencies
- Rhythm disturbances/electrical therapy
- Vascular access

In the learning stations you will actively participate in a variety of learning activities, including

- Core case discussions using a systematic approach to pediatric assessment and decision making
- Core case simulations
- Effective resuscitation team behaviors

Course Prerequisites and Preparation

Since the PALS Provider Course does not teach algorithms, ECG recognition, pharmacology, or CPR, complete the self-assessment CD-based test on the student CD to identify any gaps in your knowledge of these topics. The assessment will give you immediate feedback after each question and provide a summary of your strengths and weaknesses at the end. Use this information to identify any deficiencies in your knowledge. Increase your knowledge by studying applicable content in the PALS Provider Manual, Course Guide, the student CD, or other supplementary resources.

The following knowledge and skills are required for successful course completion:

- BLS skills
- ECG rhythm identification
- Basic pharmacology
- Practical application of knowledge to clinical scenarios
- Resuscitation team concepts

Requirements for Successful Completion

To successfully complete the PALS Provider Course and obtain your certification card, you must do the following:

- Actively participate in, practice, and complete all skills stations and learning stations
- Pass a skills test for child 1–recuer CPR/AED and infant 1 and 2–recuer CPR
- Pass a written exam with a passing grade of 84%?
- Pass two PALS core cases tests as a team leader

Pediatric Advanced Life Support Renewal (PALSR)



Classes are held multiple times each month, 9am–5pm (consult the website for exact dates and time)

Cost of course is \$175 per student and an additional \$40 for the text

Intended Audience

The Pediatric Advanced Life Support (PALS) Refresher Course is designed for healthcare providers who either direct or participate in the evaluation and resuscitation of pediatric patients, whether in or out of hospital and have recently held PALS certification.

Course Introduction

The Pediatric Advanced Life Support (PALS) Refresher Course is designed for healthcare providers who initiate and direct advanced life support beyond basic life support through the stabilization or transport phases of a pediatric emergency, either in or out of hospital. In this course you will enhance your skills in the evaluation and management of an infant or child with respiratory compromise, circulatory compromise, or cardiac arrest.

You will actively participate in a series of simulated core cases. These simulations are designed to reinforce important concepts, including:

- Identification and treatment of medical conditions that place the child at risk for cardiac arrest
- The systematic approach to pediatric assessment, including general assessment, primary assessment, secondary assessment, and tertiary assessment
- The assess–categorize–decide–act approach to assessment and management of a seriously ill infant or child
- Effective resuscitation team dynamics

The goal of the PALS Refresher Course is to improve the quality of care provided to seriously ill or injured children, resulting in improved outcomes.

Course Objectives

Upon completion of this course, you should be able to:

- Understand and be able to perform the systematic approach to pediatric assessment of a seriously ill or injured child, including general, primary, secondary, and tertiary assessments
- Use the assess–categorize–decide–act approach to decision making?
- Recognize and manage a child in respiratory distress or failure and/or compensated or hypotensive shock
- Recognize and manage a child with life–threatening bradyarrhythmia, tachyarrhythmia, or arrest rhythm
- Describe the key elements of effective resuscitation team behaviors and explain why the foundation of successful resuscitation includes both mastery of basic skills and effective team dynamics
- Prevent further deterioration of a child's condition during the stabilization and transfer phases of care

You should also be able to demonstrate the following skills:

- Performance of effective respiratory management skills, including use of oxygen delivery devices, suctioning, oropharyngeal airway (OPA), nasopharyngeal airway (NPA), bag–mask ventilation, and endotracheal (ET) intubation (according to scope of practice)
- Appropriate use of electrical therapy, including defibrillation and synchronized cardioversion
- Proper technique for intraosseous (IO) access and fluid bolus administration
- Performance as a team leader or team member in simulated cases

Course Description

To help you achieve these objectives, the PALS Refresher Course includes skill stations, CPR/AED competency testing, learning stations, core cases testing stations, and written testing.

This course includes the following skill stations:

- Management of respiratory emergencies
- Rhythm disturbances/electrical therapy
- Vascular access

In the learning stations you will actively participate in a variety of learning activities, including:

- Core case discussions using a systematic approach to pediatric assessment and decision making

- Core case simulations
- Effective resuscitation team behaviors

Course Prerequisites and Preparation

Since the PALS Refresher Course does not teach algorithms, ECG recognition, pharmacology, or CPR, complete the self-assessment CD-based test on the student CD to identify any gaps in your knowledge of these topics. The assessment will give you immediate feedback after each question and provide a summary of your strengths and weaknesses at the end. Use this information to identify any deficiencies in your knowledge. Increase your knowledge by studying applicable content in the PALS Provider Manual, Course Guide, the student CD, or other supplementary resources.

The following knowledge and skills are required for successful course completion:

- BLS skills
- ECG rhythm identification
- Basic pharmacology
- Practical application of knowledge to clinical scenarios
- Resuscitation team concepts

Requirements for Successful Course Completion

To successfully complete the PALS Refresher Course and obtain your certification card, you must do the following:

- Actively participate in, practice, and complete all skills stations and learning stations
- Pass a skills test for child 1–recuer CPR/AED and infant 1 and 2–recuer CPR
- Pass a written exam with a passing grade of 84%
- Pass two PALS core cases tests as a team leader

American Heart Association (AHA) Instructor Course



How can I become an AHA Instructor?

The steps are simple – get started today!

1. Complete an Instructor Candidate Application at YNHSHP before enrolling in an Instructor Course.
2. Have current AHA provider status in the discipline of the Instructor Course, and be proficient in all the skills of that discipline. Disciplines include ACLS, BLS, PALS, PEARS® and Heartsaver®.
3. Successfully complete the discipline-specific Instructor Essentials online course, and print the course completion certificate.
4. Successfully complete the discipline-specific classroom Instructor Course.
5. Successfully be monitored teaching your first course within six months after completing the Instructor Course. Training Center Coordinators may require additional monitoring.

Once you become an Instructor, you will have access to the most current emergency cardiovascular care science, course updates, training resources and tools through the online AHA Instructor Network. You will also be able to post class dates and times to reach more students through our public website.

Consult the website for available class dates, and cost.

PROGRAMS FROM THE NATIONAL ASSOCIATION OF EMTS



Pre-Hospital Trauma Life Support Provider (PHTLSP)



Classes are held twice a year, consult the website for available dates and times
Cost per student: \$225

Description

NAEMT's Prehospital Trauma Life Support (PHTLS) is recognized around the world as the leading continuing education program for prehospital emergency trauma care. The mission of PHTLS is to promote excellence in trauma patient management by all providers involved in the delivery of prehospital care through global education. PHTLS is developed by NAEMT in cooperation with the American College of Surgeons' Committee on Trauma. The Committee provides the medical direction and content oversight for the PHTLS program.

PHTLS courses improve the quality of trauma care in your area and decrease mortality. The program is based on a prehospital trauma care philosophy, stressing the treatment of the multi-system trauma patient as a unique entity with specific needs. This may require an approach to the trauma patient that varies from traditional treatment modalities. PHTLS promotes critical thinking as the foundation for providing quality care. It is based on the belief that, given a good fund of knowledge and key principles, EMS practitioners are capable of making reasoned decisions regarding patient care. The PHTLS course is continuously updated and revised to keep up with the advances in the field, ATLS Guidelines and feedback from PHTLS participants.

Although PHTLS originated in the United States, it has evolved and now serves as an international education program available to EMS providers in 47 countries. NAEMT's PHTLS course is accredited by the Continuing Education Coordinating Board for Emergency Medical Services (CECBEMS) and recognized by the National Registry of EMTs (NREMT).

Pre-Hospital Trauma Life Support Refresher (PHTLSR)

Classes are held twice a year, consult the website for available dates and times
Cost per student: \$175

Intended Audience

The Pre-Hospital Trauma Life Support (PHTLS) Refresher Course is designed for prehospital providers responsible for the initial evaluation and treatment of traumatic injuries who have recently held PHTLS certification. The course is available to all levels of prehospital care providers, and programs are typically attended by Emergency First Responders (Fire, Police, Search & Rescue, etc.), EMTs, Paramedics, Nurses (including Industrial based Occupational Health Nurses), Physicians, Physician Assistants, and Advanced Practice Registered Nurses.

Background

The PHTLS program was developed in response to a need for standardized efficient trauma care in the prehospital environment that would correlate with the standard practice and principles being taught to the surgeons through the Advanced Trauma Life Support Course. The Refresher course was designed to meet the sustainment training needs for those providers having who have recently held PHTLS Provider Certification.

PHTLS focuses on principles, not preferences. By focusing on principles of good trauma care, PHTLS promotes critical thinking. The Executive Committee of the PHTLS Division of the National Association of Emergency Medical Technicians (NAEMT) and the Committee on Trauma of the American College of Surgeons

believe that, given a good fund of knowledge, prehospital care providers are capable of making reasonable decisions regarding patient care. Rote memorization of mnemonics is discouraged. Furthermore, there is no "PHTLS way" of performing a specific skill. The principle of the skill is taught, and then one acceptable method of performing the skill that meets the principle is presented. The authors of the program realize that no one method can apply to the myriad of unique situations encountered in the prehospital setting.

Course Overview

The PHTLS Refresher Course is designed to be an intensive 8 hour continuing education experience refreshing the knowledge and skills of those providers having recently held PHTLS Certification. The course is scenario based, with lectures and interactive skills station components meant to enhance the health care providers' knowledge, and further develop the critical thinking skills required to effectively treat the trauma patient in the field.

Successful completion entails that the participant has:

- Attended the entire course
- Adhered to course content and demonstrated all practical skills as outlined in the PHTLS textbook
- Achieve a passing score of 75% on the written pot-test
- Successfully completed a final assessment station as team leader

NAEMT's PHTLS Refresher course is accredited by the Continuing Education Coordinating Board for Emergency Medical Services (CECBEMS) and recognized by the National Registry of EMTs (NREMT)

Geriatric Education for Emergency Medical Services (GEMS)



Classes are available upon request

Cost per student: \$125

Description

NAEMT has partnered with Jones & Bartlett Learning (JBL) and the American Geriatrics Society (AGS) to develop the 2nd edition GEMS course. A team of experienced EMS educators and clinicians serving as members of NAEMT's GEMS Committee has designed a course that prepares EMS practitioners to respond to the unique challenges and needs of an older patient. The course aims to empower practitioners with geriatric specific training to help them improve the medical outcomes and quality of life for these patients.

Significant changes in the 2nd edition course include:

- The introduction of a one-day, 8-hour "core" provider course. Recognizing the critical importance of Geriatric EMS education to quality patient care, the committee wanted to offer a course framework with flexibility to meet the needs of all EMS practitioners. The 8-hour GEMS Core Course is designed for a combined BLS/ALS classroom for all EMS students and can be offered on its own, or in conjunction with a second one-day "advanced" scenario-based course (in development)
- More geriatric specific information included in the lectures. While still maintaining a scenario-based approach with emphasis on the GEMS diamond, the PowerPoint lectures include slides that highlight geriatric specific content such as fall prevention, epidemiology, polypharmacy, and more. The lectures provide core knowledge to ensure a foundation of understanding for the scenarios, and ultimately for assessing and treating patients
- All lectures provide one or two case scenarios that enhance participant involvement and discussion

- New lecture on Disasters and the associated needs of older patients. This lecture discusses the unique challenges that are specific to the geriatric population in disasters and EMS logistics associated with them
- New lecture on Mobile Integrated Healthcare–Community Paramedicine (MIH–CP) and the opportunity to make a difference with older patients. This lecture discusses the identification of patients who would benefit from MIH–CP and the EMS role in patient advocacy
- New videos covering Elder Abuse, MIH–CP and Trauma. These videos provide real world situations that providers could encounter and demonstrate proper communication, assessment and patient care

Ultimately this course will enhance the competence, confidence and compassion of EMS practitioners in responding to geriatric patients. Course sites will be able to offer the 8–hour Core Course alone, or in combination the Advanced Course (coming soon) for a 16–hour GEMS experience. GEMS also offers a solid supplement to initial EMT and paramedic curriculum, helping educators reinforce the affective domain while incorporating strong cognitive and psychomotor components.

Tactical Combat Casualty Care (TCCC)



Classes are available upon request

Cost per student: \$290.00

Intended Audience

The course is designed for combat EMS/military personnel, including medics, corpsmen, and para-rescue personnel deploying in support of combat operations. The course's content and structure also can be modified for law enforcement special weapons and tactics and special response teams.

NAEMT's TCCC course is accredited by the Continuing Education Coordinating Board for Emergency Medical Services (CECBEMS) and recognized by the National Registry of EMTs (NREMT).

Background

The Tactical Combat Casualty Care (TCCC) course introduces evidence-based, life-saving techniques and strategies for providing the best trauma care on the battlefield. NAEMT conducts TCCC courses under the auspices of its PHTLS program, the recognized world leader in prehospital trauma education. NAEMT's TCCC courses use the PHTLS Military textbook and are fully compliant with the Department of Defense's Committee on Tactical Combat Casualty Care (CoTCCC) guidelines. It is the only TCCC course endorsed by the American College of Surgeons.

Tactical Emergency Casualty Care (TECC)



Classes are available upon request

Cost per student: \$280

Intended Audience

This course is intended for SWAT medics, EMS agencies that respond to tactical and special operations including active shooter and mass casualty responses.

Background

Developed by NAEMT's Prehospital Trauma Life Support (PHTLS) Committee, the TECC program is based on the guidelines from the Committee on Tactical Emergency Casualty Care (Co-TECC) and the Tactical Combat Casualty Care (TCCC) program. TECC uses lessons learned from our military and applies them to the civilian world of tactical medicine.

Course Overview

This 16-hour course covers topics designed to decrease preventable death in the tactical situation. Topics include: Hemorrhage control; surgical airway control and needle decompression; strategies for treating wounded responders in threatening environments; caring for pediatric patients; and techniques for dragging and carrying victims to safety.

At the core of the TECC program are three distinct phases that have been well-proven by TCCC-trained personnel in the war against terrorism in Iraq and Afghanistan. The phases are as follows:

- Direct Threat Care
 - Care that is rendered while under attack or in adverse conditions.
- Indirect Threat Care
 - Care that is rendered while the threat has been suppressed, but may resurface at any point.
- Evacuation

- Care that is rendered while the casualty is being evacuated from the incident site.

TECC focuses on the medicine during these phases of care and provides guidelines for managing trauma in the civilian tactical or hazardous environment. While TECC has a tactical slant, it takes an all-hazards approach to providing care outside the normal operating conditions of most EMS agencies, such as responding to a mass casualty or active shooter event.

NAEMT's TECC course is accredited by the Continuing Education Coordinating Board for Emergency Medical Services (CECBEMS) and recognized by the National Registry of EMTs (NREMT).

Bleeding Control (B-CON)



Classes are available upon request

Cost per student: \$150

Background

The Bleeding Control for the Injured (B-Con) course was developed by NAEMT's PHTLS Committee with leadership provided by Dr. Peter Pons and Dr. Norman McSwain.

Intended Audience

The course is designed for NON tactical law enforcement officers, firefighters, security personnel, teachers and other civilians requiring this basic training. Course materials include a PowerPoint presentation and instructor notes, instructor's guide, and skill station guide.

The course was developed in response to efforts by the U.S. Departments of Homeland Security and Health and Human Services to increase collaboration between law enforcement, the fire service and EMS in responding to active shooter/IED/mass casualty events. B-Con is consistent with the recommendations of the Hartford Consensus on Improving Survival from Active Shooter Events. The Hartford Consensus recommends that an integrated active shooter response should include the critical actions contained in the acronym THREAT:

- Threat
- Hemorrhage control
- Rapid Extrication to safety
- Assessment by medical providers
- Transport to definitive care

The Hartford Consensus Group recommends that the response to a traumatic incident, whether involving an active shooter or some other cause of injury, in fact

begins with bystander response. It is with this in mind that the B-Con course was developed and is now being offered.

Course Overview

This new 2 ½ hour course teaches participants the basic life-saving medical interventions, including bleeding control with a tourniquet, bleeding control with gauze packs or topical hemostatic agents, and opening an airway to allow a casualty to breathe.

A separate, additional PowerPoint module is included in the course materials specifically for law enforcement participants. This module provides an orientation to the content of the Hartford Consensus and the changing approach to active shooter and other complex and hazardous responses.

At the completion of the course, participants will be able to:

- Explain the rationale for early use of a tourniquet for life-threatening extremity bleeding
- Demonstrate the appropriate application of a tourniquet to the arm and leg
- Describe the progressive strategy for controlling hemorrhage
- Describe appropriate airway control techniques and devices
- Demonstrate the correct application of a topical hemostatic dressing (combat gauze).

EMT Safety Course



Classes are available upon request

Cost per student: \$150

Intended Audience

EMS Safety is for all EMS practitioners, other medical professionals providing prehospital patient care, EMS supervisors and administrators concerned with safety.

Course Overview

NAEMT's EMS Safety course aims to promote a culture of EMS safety and help reduce the number and intensity of injuries incurred by EMS practitioners in carrying out their work. The course increases the practitioners' awareness and understanding of EMS safety standards and practices and develops their ability to effectively implement them. EMS Safety is the first national and most comprehensive education program of its kind that teaches techniques on how to best achieve safety on the job.

The curriculum covers crew resource management, emergency vehicle safety, responsibilities in scene operations, patient handling, patient, practitioner and bystander safety, and personal health. It offers an overview of current issues surrounding safety in EMS, presents and discusses case studies, builds risk assessment and decision-making skills and provides an opportunity for participants to relate their own experiences with EMS safety issues.

All NAEMT continuing education courses are accredited by the Continuing Education Coordinating Board for Emergency Medical Services (CECBEMS). They also are recognized for recertification requirements by the National Registry of Emergency Medical Technicians (NREMT).

Principles of Ethics and Personal Leadership (PEPL)



Classes are available upon request

Cost per student: \$125

Description

The Principles of Ethics and Personal Leadership (PEPL) is a new NAEMT course for EMS practitioners. This 16-hour course provides EMS and Mobile Healthcare (MHC) practitioners at all levels with the necessary knowledge and skills to effectively interact with patients and their families, other medical personnel, co-workers, supervisors and community residents at large.

The course covers topics and skills in the following areas:

- Personal and professional core values
- Ethics
- Decision-making
- Duty to serve
- Strategies for conflict resolution
- Ambassadorship for the profession, their agencies, and the community at large

Through course presentation, dialogue, and learning activities, including written and video case studies, students will explore the importance of ethics and personal leadership, identify their leadership roles in civic life as individuals, family members, professionals, and members of the community, and practice the skills important to the exercise of personal, ethical leadership.

This course is accredited by the Continuing Education Coordinating Board for Emergency Medical Services (CECBEMS) and recognized by the National Registry of EMTs (NREMT).

Advanced Medical Life Support (AMLS)



Classes are available upon request

Cost per student: \$250

Description

The Advanced Medical Life Support (AMLS) course is the first EMS education program that fully addresses how to best assess and manage the most common medical crises in patients, offering a “think outside the box” methodology. It is for all levels of practitioners with a strong commitment to patient care, including emergency medical technicians, paramedics, nurses, nurse practitioners, physician assistants, nurse anesthetists and physicians.

The course emphasizes the use of scene size-up, history, interactive group discussion on potential treatment strategies, and physical exam to systematically rule out and consider possibilities and probabilities in treating patients’ medical crises. The course offers an initial assessment-based approach that progresses to a diagnostic-based approach to quickly develop the best treatment plan.

AMLS is a sixteen-hour, two-day program that consists of interactive lectures, teaching and evaluation stations. The interactive/case based lectures include the following topics: altered mental status and neurologic disorders, respiratory dysfunction, shock, chest discomfort, endocrine, metabolic and environmental disorders, abdominal discomfort, infectious disease, and toxicologic emergencies, hazardous materials and weapons of mass destruction. Teaching stations follow the associated lectures each day.

AMLS is endorsed by the National Association of EMS Physicians (NAEMSP).

AMLS is accredited by the Continuing Education Coordinating Board for Emergency Medical Services (CECBEMS) and is recognized by the National Registry of EMTs

(NREMT). Students who successfully complete the AMLS course will receive a certificate of completion that is valid for four years.

PROGRAMS FROM THE AMERICAN ACADEMY OF PEDIATRICS



Pediatric Education for Pre-Hospital Professional (PEPP)

Classes are held twice a year (consult the website for exact dates and times)

Cost per student: \$175

Description

The PEPP course represents a complete source of prehospital medical information for the emergency care of infants and children. Developed by the American Academy of Pediatrics, PEPP is an exciting curriculum designed to teach prehospital professionals how to better assess and manage ill or injured children. PEPP is a comprehensive, innovative, and highly visual course featuring case-based lectures, live-action video, hands-on skills stations, and small group scenarios.

The Basic Life Support (BLS) course is geared toward the Emergency Medical Responder (EMR) and Emergency Medical Technician (EMT) and the Advanced Life Support (ALS) course is geared toward the Advanced Emergency Medical Technician (AEMT) and Paramedic. The PEPP Course Coordinator should determine which course (BLS or ALS) is most appropriate for an individual. Any health professional who is responsible for the emergency care of children may find this course beneficial.

Course Format

The PEPP Course is available as a traditional onsite course or hybrid course for both BLS and ALS:

BLS

- The traditional onsite course is a 9.25-hour course, conducted entirely in the classroom
- The hybrid course is a combination of online learning (8.0 hours of education), followed by hands-on practice in the classroom. Instead of attending a

daylong traditional onsite course, students learn a portion of the course through self-directed online modules. After completing all of the online modules, students then attend a short onsite course for completion of hands-on practice, as well as instructor interaction and the final examination

ALS

- The traditional onsite course is a 16.75-hour course, conducted entirely in the classroom
- The hybrid course is a combination of online learning (14.0 hours of education), followed by hands-on practice in the classroom. Instead of attending a 2-day traditional onsite course, students learn a portion of the course through self-directed online modules. After completing all of the online modules, students then attend a 1-day onsite course for completion of hands-on practice, as well as instructor interaction and the final examination

Course Completion Requirements

To successfully complete the PEPP Course, students must:

- Participate in the complete course
- Complete the pretest (Onsite students only)
- Complete the pre-course modules (Hybrid students only)
- Pass the final examination

Students who successfully complete a course taught by a PEPP Course Coordinator are eligible to receive a PEPP Course Completion Certificate. The Course Completion Certificate is valid for 2 years.

The American Academy of Pediatric is approved by the Continuing Education Coordinating Board for Emergency Medical Services (CECBEMS). Participants who successfully complete the PEPP Course are eligible to receive continuing education units (CEUs) through CECBEMS. The BLS Hybrid Course provides 8.5 hours of CEUs, and the Onsite Course provides 8 hours. The ALS Hybrid Course provides 12.5 hours, and the ALS Onsite Course provides 14 hours. PEPP is recognized by NREMT.