



American Heart
Association
Learn and Live..



**AUTHORISED
TRAINING
CENTER**

International Academy of Emergency Medicine



American Heart Association certified Courses:-
BLS, ACLS, PALS, Heart Saver First Aid,
ECG & Pharmacology and Airway Management

Basic Life Support Provider Course (BLS)

Course Description:

The BLS Health care Provider Course is designed to provide a wide variety of healthcare professionals the ability to recognize several life-threatening emergencies, provide high-quality chest compressions (CPR), deliver appropriate ventilation and provide early use of an AED, and relieve choking in a safe, timely and effective manner. The course is intended for certified and licensed health care professionals.

Course Content & Module:

- Adult & Pediatric CPR (including 2-rescuers scenarios and use of Bag Valve mask)
- Foreign body airway obstruction.
- Use of Automated External Defibrillator (AED) with CPR.

Features & Benefits:

- This course is designed to teach the skills of CPR for victims of all ages use of an automated external defibrillator and relief of choking as per the new 2015 AHA Guidelines Update for CPR and ECC
- The course is video-based with instructor-led discussion and simulation.
Emphasis on high-quality CPR including a team dynamics classroom activity. Students practice and complete various skills and learning stations
- Ideal for learners who prefer group interaction and feedback from an instructor while learning skills.

Written Exam & Skill Stations:

The candidate is evaluated through a written exam and practical skill test.

Certification:

BLS Provider Course Completion Card valid for 2 years.

Course Duration: 8 hours

Intended Audience:

Health Care Providers such as Physicians, Nurses, Paramedics, Emergency Medical Technicians, Respiratory Therapist, Physical and Occupational Therapists, Physician's Assistants, Residents or Fellow, or Medical or Nursing Students in Training, Aides, Medical or Nursing Assistants, and other Allied Health Personnel.



Advanced Cardiovascular Life Support Provider Course (ACLS)

Course Description:

The American Heart Association's Advances Cardiovascular Life Support course is totally redesigned for healthcare providers who either direct or participate in the resuscitation of an patient, whether in or out of hospital. Through the ACLS course, providers will enhance their skills in the treatment of the adult victim of a cardiac arrest or other cardiopulmonary emergencies. ACLS emphasizes the importance of basic life support CPR to patient survival; the integration of effective basic life support with advanced cardiovascular life support interventions; and the importance of effective team interaction and communication during resuscitation. ACLS is based on simulated clinical scenarios that encourage active, hands-on participation through learning stations where students will practice essential skills individually, as part of a team, and as team leader. Realistic simulations reinforce the following key concepts: proficiency in basic life support care; recognizing and initiating early management of Pre-Arrest conditions; managing cardiac arrest; identifying and treating ischemic chest pain and acute coronary syndromes; recognizing other life-threatening clinical situations (such as stroke) and providing initial care; ACLS algorithms; and effective resuscitation team dynamics.

Course Content & Module:

- Defibrillation
- Airway Management
- Rhythm Recognition
- IV access
- Use of medications
- Cardioversion
- Transcutaneous pacing
- 1-rescuer, CPR, AED
- Effective resuscitation team dynamics.

Features & Benefits:

- Healthcare providers will enhance their skills in the treatment of the adult victim of a cardiac arrest or other cardiopulmonary emergencies.
- ACLS emphasizes the importance of basic life support CPR to patient survival; the integration of effective basic life support with advanced cardiovascular life support interventions; and the importance of effective team interaction and communication during resuscitation.
- Students engage in simulated clinical scenarios that encourage active, hands-on participation through learning stations where students will practice essential skills individually, as part of a team, and as team leader.

Realistic simulations reinforce the following key concepts:

- Proficiency in basic life support care
- Recognizing and initiating early management of peri-arrest conditions
- Managing cardiac arrest
- Identifying and treating ischemic chest pain and acute coronary syndromes
- Recognizing other life-threatening clinical situations (such as stroke) and providing initial care
- ACLS algorithms
- effective resuscitation team dynamics.

Written Exam & Skill Stations:

The candidate is evaluated through a written exam and practical skill test.

Certification: ACLS Provider Course Completion Card valid for 2 years.

Course Duration: 16 hours.

Intended Audience:

For emergency, intensive care, or critical care healthcare providers such as physicians, nurses, paramedics, respiratory therapists, and other professionals who may need to respond to a cardiovascular emergency.

Pediatric Advanced Life Support Provider Course (PALS)

Course Description:

The American Heart Association's Advances Life Support course is based on science evidence from the 2015 AHA Guidelines for CPR and ECC. The goal of the PALS course is to aid the pediatric healthcare provider in developing the knowledge and skills necessary to efficiently and effectively manage critically ill infants and children, resulting in improved outcomes. Skills taught include recognition and treatment of infants and children at risk for cardiopulmonary arrest; the systematic approach to pediatric assessment; effective respiratory management; defibrillation and synchronized cardioversion; intra osseous access and fluid bolus administration; and effective resuscitation team dynamics.

Course Content & Module:

- Help providers recognize cardiopulmonary distress symptoms of pediatric victims, and thus begin stabilization prior to arrest.
- Pediatric assessment.
- Respiratory compromise and arrest recognition & management
- Circulatory compromise and arrest recognition & management.
- Shock recognition and management.
- Resuscitation team concept.

Features & Benefits:

- This course addresses a gap in the number of healthcare providers who see pediatric patients, and do not require the advanced skills of PALS.
- The main focus of PALS is prevention, and specifically, the assessment, recognition and stabilization of pediatric victims at risk of severe cardiopulmonary distress.
- Through unique learning tools, such as video-based simulation, providers can see and hear critically-ill children with whom they do not typically come in contact, equipping them to recognize the symptoms of pediatric victims, and thus begin stabilization prior to arrest.
- The course is video-based with instructor-led discussion and simulation. Students participate in, practice and complete various skills and learning stations.

Written Exam & Skill Stations:

The candidate is evaluated through a written exam and practical skill test.

Certification:

BLS Provider Course Completion Card valid for 2 years.

Course Duration: 8 hours



Intended Audience:

For healthcare providers who might encounter pediatric patients in their profession.

Heart saver (R) First Aid Course

Heart saver (R) First Aid Course is a video-based, instructor-led course that teaches students critical skills to respond to any manage an emergency in the first few minutes until emergency medical services arrives. Students learn duties and responsibilities of first aid rescuers first aid actions for medical emergencies, including severe choking, heart attack, and stroke, and skills for handling injury and environmental emergencies, including external bleeding, broken bones and sprains, and bites and stings. This course is for anyone with limited or no medical training who needs a course completion card in first aid to meet job, regularly, or other requirement.

Features

- Video-based course ensures consistency Instructor-led, hands-on class format reinforces skills proficiency
- Student Workbook comes with Heartsaver First Aid Quick Reference Guide that summarizes first aid actions for many injuries and illness
- Course is updated with the new science from the 2015 AHA Guidelines Update for Cardiopulmonary Resuscitation and Emergency Cardiovascular Care

Course Content

- First aid basics ■ Medical emergencies ■ Injury emergencies ■ Environmental emergencies ■ Preventing illness and injury ■ Optional exam

Additional Information

After suceesfully completing this course, students should be able to :-

- List the priorities, roles, and responsibility of first aid rescuers
- Describe the key steps in first aid
- Remove protective gloves
- Find the problem
- Describe the assessment and first aid actions for the following life-threatening

Conditions:

- Heart sttack, difficulty breathing, choking, severe bleeding, shock, and stroke
- Use an epinephrine pen
- Control bleeding and bandaging
- Recognize elements of common injuries
- Recognize elements of common illnesses
- Describe how to find information on preventing illness and injury
- Recognize the legal questions that apply to first and rescuers



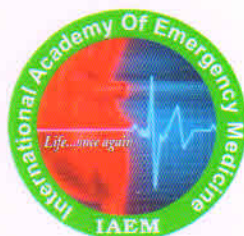
Other AHA Programme

- ECG & Pharmacology Course
- Airway Management Course
- Basic Life Support Instructor Course (BLS)
- Advanced Cardiac Life Support Instructor Course (ACLS)
- Pediatric Advanced Life Support Instructor Course (PALS)



AHA Disclaimer

The American Heart Association strongly promotes knowledge and proficiency in BLS, ACLS and PALS and has developed instructional materials for this purpose. Use of these materials in an educational course does not represent course sponsorship by the American Heart Association, and any fees charged for such a course do not represent income to the Association.



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