



AMERICAN SAFETY &  
HEALTH INSTITUTE

MEDIC  
First Aid



# ADVANCED CARDIAC LIFE SUPPORT (ACLS)

The HSI Advanced Cardiac Life Support (ACLS) program is a scenario (case-based) continuing education course designed to provide trained and skilled healthcare providers with an opportunity to enhance and refine knowledge and hands-on skill proficiency in emergency cardiovascular care.

The ACLS training program has been updated to accompany the ACLS Study Guide, 6th Edition and the ACLS Ebook Study Guide, 6th Edition, published by Elsevier.

## Intended audience

Individuals who are trained and skilled as healthcare providers who either direct or participate in cardiopulmonary emergencies and resuscitation efforts.

## Participant prerequisites

All individuals who participate in an ACLS class must be previously trained, skilled, and be able to:

- Perform high-quality basic life support (HQ-BLS)
- Read and interpret basic electrocardiograms (ECGs)
- Understand basic resuscitation pharmacology, prepare and administer essential medications

## Ratios

- *Maximum student-to-instructor ratio* - 10:1 (6:1 is recommended)
- *Maximum student-to-manikin ratio* - 3:1

## Certification period

- May not exceed 2 years from month of issue.
- Spaced practice every 3-6 months strongly recommended.

## Recommended time to complete

- *Initial training*: About 15 hours
- *Renewal training*: About 7 hours

## Instructional elements

- HSI ACLS Instructor Materials, including:
  - Instructor Resource Guide
  - Scenario Sheets
- Student Book, ACLS Study Guide, 6th Edition and the ACLS Ebook Study Guide, 6th Edition, published by Elsevier
- HSI ACLS Program Slide Presentation

## Student certification requirements

- *Written evaluation*: Successful completion requires a correct score of 75% or higher.
- *Performance evaluation*: Students must demonstrate skill competency in a team setting as indicated by the skill criteria on the Performance Evaluation Sheets:
  - High Quality BLS
  - Respiratory arrest
  - Cardiac rhythm management including pulseless VT/VF and two other rhythms





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## Topics Covered (Initial and Renewal)

- Chain of Survival & High-Quality Cardiopulmonary Resuscitation
- Patient Assessment & Resuscitation Therapies
- Respiratory Compromise
- Cardiac Rhythm Management
- Bradycardias
- Tachycardias
- Acute Coronary Syndromes
- Acute Ischemic Stroke
- Resuscitation Simulation Equipment
- Airway Management & Adult BLS
- Case Studies
- High-Quality Skills and Teamwork

## Continuing education

The ACLS program provides approved EMS continuing education hours (CEH) accredited by the Commission on Accreditation of Pre-Hospital Continuing Education (CAPCE), for which HSI is an accredited organization.

- Initial class: 15 hours Advanced CEH
- Renewal class: 7 hours Advanced CEH