



# ADVANCED CARDIAC LIFE SUPPORT (ACLS) INITIAL

## Goal:

To prepare healthcare professionals to confidently manage cardiopulmonary emergencies using advanced resuscitation techniques and teamwork.

## Target group:

Healthcare providers trained in basic life support, including doctors, nurses, and paramedics involved in resuscitation efforts.

## Highlights:

- Comprehensive coverage of emergency cardiovascular care with real-world scenarios.
- Internationally recognised CAPCE-accredited certification valid for two years.
- Scenario-based learning guided by experienced clinical instructors.

## Description

The HSI Advanced Cardiac Life Support (ACLS) Initial training course is designed for healthcare professionals who lead or assist in cardiopulmonary emergencies. The course integrates scenario-based education with practical skill refinement, focusing on high-quality basic life support (HQ-BLS), ECG interpretation, and essential medication management. Accredited by the Commission on Accreditation for Pre-Hospital Continuing Education (CAPCE), this course ensures compliance with internationally recognised standards in emergency cardiovascular care. Participants gain certification valid for two years, recognised across Europe, Australia, and the USA.

## Compliance:

Accredited by CAPCE to meet international standards for EMS continuing education.

## Previous knowledge:

Healthcare experience is typically expected, as ACLS is designed for medical professionals. Delegates should be qualified to provide high-quality basic life support (HQ-BLS) and be able to interpret basic ECG readings. An understanding of basic resuscitation pharmacology and medication preparation is also required.

## Requirements:

Participants must have the necessary physical and cognitive ability to perform the required skills, including CPR, which involves physical effort and kneeling on the floor.

## Progression:

Qualify to advance to courses such as Advanced Trauma Life Support (ATLS) for further emergency care specialisation.

## Theoretical elements:

- Chain of Survival and CPR fundamentals.
- Resuscitation therapies and cardiac rhythm management.
- Acute coronary syndromes and ischemic stroke.

## Practical elements:

- HQ-BLS application and airway management.
- Simulated management of VT/VF and other arrhythmias.
- Team-based resuscitation simulations.

## HSI ACLS Initial Training

### Course length

15 hours (2 days)

### Instructor

1:10

### Period of validity

2 years

### Certification

HSI Certification

### Venue

Outreach Rescue training facilities in Raglan, Monmouthshire or Llanllechid, Bangor, Gwynedd. Alternative locations are available by arrangement.