

Advanced Cardiovascular Life Support (ACLS) Course

Aim: The AHA's ACLS course builds on the foundation of lifesaving BLS skills, emphasizing the importance of continuous, high-quality CPR. Reflects science and education from the American Heart Association Guidelines Update for CPR and Emergency Cardiovascular Care (ECC).

Course Objectives: At the end of the course, participants should be able to:

- Demonstrate Basic life support skills, including effective chest compressions, use of a bag-mask device, and use of an AED
- Recognition and early management of respiratory and cardiac arrest
- Recognition and early management of peri-arrest conditions such as symptomatic bradycardia
- Airway management
- Related pharmacology
- Management of ACS and stroke
- Effective communication as a member and leader of a resuscitation team

Agenda for ACLS Course

DAY 1	
8:30	Lesson Start: <i>Welcome, Introductions, and Course Administration</i>
8:45	Lesson 1: <i>ACLS Course Overview and Organization</i>
8:55	Lesson ACLS-Traditional 2: <i>Systems of Care</i>
9:05	Lesson ACLS-Traditional 3: <i>The Science of resuscitation</i>
9:20	Lesson ACLS-Traditional 4: <i>Systematic Approach</i>
9:35	Lesson ACLS-Traditional 5: <i>CPR Coach</i>
9:45	Lesson 6: <i>Learning/Testing Station: High-Quality BLS</i>
10:30	Lesson 7: <i>Learning/Testing Station: Airway Management</i>
11:15	Lesson 8: <i>Technology Review</i>
11:25	Lesson 9: <i>Recognition: Signs of Clinical Deterioration</i>
11:35	Lesson 12: <i>High Performance Teams</i>
12:05	<i>Lunch Break</i>
12:35	Lesson 14: <i>Learning Station: Preventing Arrest: Bradycardia</i>
1:35	Lesson 15: <i>Learning Station: Preventing Arrest: Tachycardia</i>
2:35	Lesson 13: <i>Learning Station: Preventing Arrest: Cardiac Arrest and Post Cardiac Arrest Care</i>
3:00	<i>Class Ends</i>
DAY 2	

8:30	Lesson 13: <i>Learning Station: Preventing Arrest: Cardiac Arrest and Post Cardiac Arrest Care</i>
10:00	Lesson 10: <i>Learning Station: Acute Coronary Syndrome</i>
10:30	Lesson 11: <i>Learning Station: Acute Stroke</i>
11:00	Lesson 16: <i>Learning Station: Megacode Practice</i>
1:30	<i>Lunch Break</i>
2:00	<i>Megacode Test</i>
2:45	<i>Written Exam</i>
3:30	<i>Class Ends/Remediation</i>