

**Course Fact Sheet**  
Advanced Cardiac Life Support  
Provider Course

<b>Coordinator:</b>	<b>Office Location and Hours:</b>
Dennis Edgerly <a href="mailto:Dennis.Edgerly@HealthONEcares.com">Dennis.Edgerly@HealthONEcares.com</a> 303-788-6384	333 W Hampden Ave, Suite #200 Englewood, CO 80110 7:30 AM – 5:00 PM M-F

**Course Description:**

The two-day ACLS course is designed for health care providers who have medical training in the treatment of cardiopulmonary emergencies. This course uses a case-based approach combined with group teaching and evaluation stations designed for adult learners. There are 10 core cases.

**Objectives:**

- Review BLS skills, including one and two rescuer CPR
- Learn and implement the ACLS algorithms for each of the 10 core cases
- Describe the signs and symptoms of respiratory failure, acute MI and cerebral vascular accidents (CVAs)
- Practice advanced airway skills (endotracheal intubation)
- Interpret EKGs and acute myocardial infarction patterns using 12 lead EKGs
- Identify the indications and use of cardioversion, pacemaker, and manual defibrillators
- Recognize ACLS drug indications / doses / precautions

**CEUs:** 16 hours

**Required information:**

- Students must be currently certified as an EMT-Intermediate, EMT-Paramedic, Nurse, Physician assistant, or MD.
- The pretest must be successfully passed.

**Evaluation:**

<b>Graded Events</b>	<b>Grading Scale</b>
Written Evaluation Practical Evaluation	84% Competence as defined by American Heart Association

## ACLS Course Agenda Day 1

Welcome/Introductions

Lesson 1 – ACLS Course Overview

Lesson 2 – Course Organization

Lesson 3 – BLS Primary Survey and ACLS Secondary Survey

<b>Divide into groups</b>	<b>Lesson 4</b> Management of Respiratory Arrest Learning Station	<b>Lesson 5</b> CPR Practice and Competency Test
	Group 1, 3	Group 2, 4
	Break	Break
	Group 2, 4	Group 1, 3

### Large group

Lesson 6 – Technology Review

Lunch (One Hour)

Lesson 7 – The Megacode and Resuscitation Team Concept

<b>Divide class into 2 groups</b>	<b>Lesson 8</b> Pulseless Arrest VF/VT Learning Station	<b>Lesson 8</b> Pulseless Arrest VF/VT Learning Station
	Group 1, 3	Group 2, 4

### Large group

2:30 Lesson 9 – ACS

3:05 Break

<b>Divide class into 2 groups</b>	<b>Lesson 10</b> Bradycardia/Asystole/PEA Learning Station	<b>Lesson 11</b> Tachycardia, Stable and Unstable Learning Station
	Group 1	Group 2
	Group 2	Group 1

### Large group

Lesson 12 – Stroke

End of Day 1 / Questions

**Day 2**

<b>Divide class into groups</b>	<b>Lesson 13</b> Putting It All Together Learning Station	<b>Lesson 13</b> Putting It All Together Learning Station
	Group 1, 3	Group 2, 4

**One large group**

Lesson 14 – Course Summary and Testing Details

Break

<b>Divide class into groups</b>	<b>Lesson 15</b> Megacode Test	<b>Lesson 15</b> Megacode Test
	Group 1, 3	Group 2, 4

**Large group (as students finish Megacode test)**

Lesson 16 – Written Test

Class Ends/Remediation