



Student User Guide for HeartCode ACLS

Guidelines 2010 (G2010)

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WHAT IS HEARTCODE ACLS?

The HeartCode ACLS program is a comprehensive, self-directed eLearning course for the American Heart Association's (AHA) Basic Life Support (ACLS) program. HeartCode ACLS features micro-simulation technology with scenario based learning and is approved for both initial and renewal courses.

HeartCode ACLS Part 1 is the cognitive portion of the program where students review the lessons from the ACLS Healthcare Provider text, complete a team dynamics lesson, treat ten simulated patient cases, and complete the written exam online.

All applicable AHA textbooks, science overview videos, and reference materials are electronically embedded within the course and are easily accessible throughout from the icons shown below. Materials remain accessible to students for 2 years after the date of completion of the HeartCode ACLS Part 1 course from the student's transcript.



In HeartCode ACLS Parts 2 and 3, cardiopulmonary resuscitation (CPR) are practiced and tested with a certified American Heart Association Instructor or Voice Assisted Manikin System (VAM). **The skills course must be completed within 60 calendar days of finishing Part 1.** It is recommended that you confirm the timeframe for completion with the training facility providing the course, as a shorter time frame for completion may be required.




SYSTEM REQUIREMENTS

	Minimum	Recommended
Operating System	Windows XP or Mac OSX	Same
Processor Speed	2 Ghz Pentium 4 or equivalent	2.4 Ghz or higher
Memory	768Mb Ram	1Gb or higher
Internet Connection Speed	512Kbit/s Bandwidth	1 Mbit/s or higher
Web Browser	Web Browser	Internet Explorer 7+ or Firefox 2+
Plug-ins	Adobe Flash Player 10.1	Same

HeartCode ACLS PART I

Course Contents

Four learning activities are included in the HeartCode ACLS Part 1 program. Each activity contains one or more lessons to complete in order to finish the course.

Learning Activity	
 HeartCode ACLS Overview*	
 HeartCode ACLS Part 1	*
 Evaluation*	
 CME/CE and Completion Certificate*	

Learning Activity 1: Overview

The overview includes a description of the HeartCode ACLS course, its objectives and continuing education credits. Review the information, then click the red **Complete** button at the bottom of the page.




COMPLETE

Learning Activity 2: HeartCode ACLS Part I

The program will automatically proceed through each lesson sequentially. However, you may navigate the program independently by clicking on the lessons in the **Table of Contents**.



The following icons next to each lesson reflect the status of the lessons within the course.

-  **Not Yet Accessed**
-  **Complete/Passed**
-  **Incomplete/Not Passed**

ACLS Cases and Learning Objectives

For a detailed description of each patient case and its learning objectives, click on the **AHA Materials icon** then on HeartCode ACLS Student Guide to view the content.



AHA Material

These electronic versions of important AHA materials serve as your reference to consult while using the program. Note that the *ACLS Provider Manual* can be accessed directly from the program provided after patient scenarios for more in-depth review of specific subject matter.

AHA Publications

- **ACLS Provider Manual**
- **2010 Handbook of Emergency Cardiovascular Care for Healthcare Providers**
- **2010 AHA Guidelines for Cardiopulmonary Resuscitation and Emergency Cardiovascular Care**

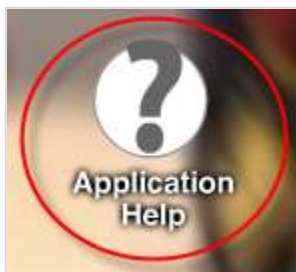
AHA Supplementary Material

- **ACLS Provider Manual Supplementary Material**
- **HeartCode ACLS Student Guide**

[Return to program](#)

Completing a Patient Case and Actions Overview

Located under the **Application Help icon** are documents that may be printed for your convenience. These documents include How to treat the patient cases and an overview of the action icons for treatment options within the course. Click on the link to the document you wish to view.



HeartCode ACLS Application Help

These documents will help you use the HeartCode ACLS online course and the patient simulator.

- **How to Complete the BLS Case**
- **How to Complete the ACLS Cases**
- **Actions Overview**

[Return to program](#)

Printing Materials

ACLS related reference materials are electronically embedded within the course. Icons to access the materials are located at the beginning of each lesson within the course for your convenience. Some materials may be printed by clicking



the print icon at the top of the page. **This option to print is not available for all materials.**

Self-Paced Navigation

All course material should be reviewed; however, some videos within the course include a self-paced navigation option. To advance a video, click and drag the arrow as pictured on the tool bar below.



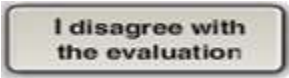
Scenario Debriefing

Upon completion of a scenario, students progress to a debriefing screen. The debriefing is a step-by-step account of the student's correct and incorrect actions. Additional information is located on the **Detailed View** tab at the top of the page. Suggestions for improvement are offered via hyperlinks (blue underlined text) to the appropriate reference material for the course.

A screenshot of the HeartCode ACLS debriefing screen. The header shows 'HeartCode® ACLS' and the American Heart Association logo. There are two tabs: 'BASIC VIEW' and 'DETAILED VIEW', with 'DETAILED VIEW' selected. The screen displays a patient profile for 'Adam Berg', Age: 48 years, Diagnosis: VF Arrest. A list of actions is shown with timestamps and feedback: 00:04 (correct), 00:05 (correct), 00:11 (correct), 00:13 (incorrect), 00:20 (correct), 00:30 (correct), 00:52 (correct), and 00:54 (correct). A callout box says 'Click on the hyperlinks to open the suggested reference material.' At the bottom, there are 'Continue' and 'I disagree with the evaluation' buttons, and a 'PASSED' status indicator.

Reporting a Problem

If you believe your performance was adequate to pass or that there is a problem with the course, click on the **I disagree with the evaluation** button to submit a complaint. Comments will be directed to the medical and technical review teams of the AHA and Laerdal Medical Corporation for review. A subject matter expert will respond in approximately two to five business days, depending on the complexity of the issue.








Learning Activity 3: Evaluation

To finish HeartCode ACLS Part 1, you must first exit the course as instructed to proceed to the evaluation learning activity. **The evaluation will not automatically appear.** The evaluation is required to progress to the CME/CE and Completion Certificate activity.

Thank you. Please complete the required evaluation to finish the course. Proceed to the evaluation by exiting the course using the link below.



Learning Activity	
 HeartCode ACLS Overview*	
 HeartCode ACLS Part 1	
 Evaluation*	
 CME/CE and Completion Certificate*	

Learning Activity 4: CME/CE and Completion Certificate

1. To claim continuing education credit applicable for your discipline and corresponding AHA certificates for completing the HeartCode ACLS Part 1 course, click on the **CME/CE Completion Certificate** activity.



The screenshot shows a 'Learning Activity' menu with four items: 'HeartCode ACLS Overview*', 'HeartCode ACLS Part 1*', 'Evaluation*', and 'CME/CE and Completion Certificate*'. The 'CME/CE and Completion Certificate*' item is circled in green, and a green arrow points to it from the right.

2. Follow the on the screen instructions and input the requested data.



The screenshot shows the 'Certificate Site' registration form. It includes the American Heart Association logo and the text 'For SimMan, HeartCode, Heartsaver, MicroSim, and Learn'. The main heading is 'Step 1. Congratulations - you are qualified to receive a certificate.' Below this, it says 'Please provide contact details.' and 'The American Heart Association requires you to register the following information before the certificate can be issued.' The form fields are: Given name: Crystal, Middle name: (empty), Family name: Garcia, Address: (empty), City: (empty), Zip: (empty), State: (empty), Country: (empty), Phone: (empty), E-mail: (empty). A 'Continue' button is at the bottom. A note says 'Your name will be displayed on the certificate as: Crystal Garcia'.

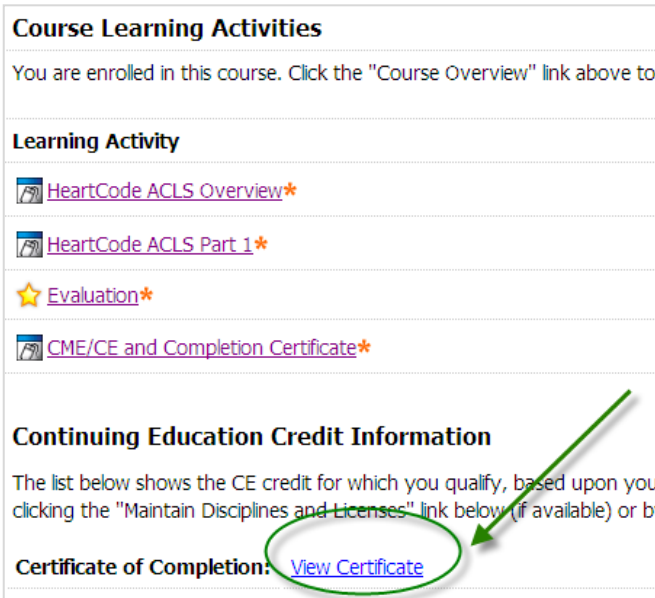
3. Upon completion, exit the certificate site using the "Exit Course" button to the top- right side of the screen. To view or print these certificates at a later time, return to the course from your transcript and click on the **CME/CE Completion Certificate** activity.



The screenshot shows the 'Certificate Site' with the American Heart Association logo. The main heading is 'You have these certificates'. Below this, there are two certificate entries: 'HeartCode ACLS Part 1 (2011-07-01)' and 'HeartCode ACLS CE (2011-07-01)'. Each entry has 'Show' and 'Print' buttons. A yellow box at the bottom says 'Please click the "Exit Course" button in the top right corner to continue.' A green arrow points to the 'Exit Course' button in the top right corner.

Part I Course Completion Certificate

After completing HeartCode ACLS Part 1, a certificate of completion will populate within the course. To retrieve the certificate of completion, click on the **View Certificate** link located at the bottom of screen as shown.



Course Learning Activities

You are enrolled in this course. Click the "Course Overview" link above to

Learning Activity

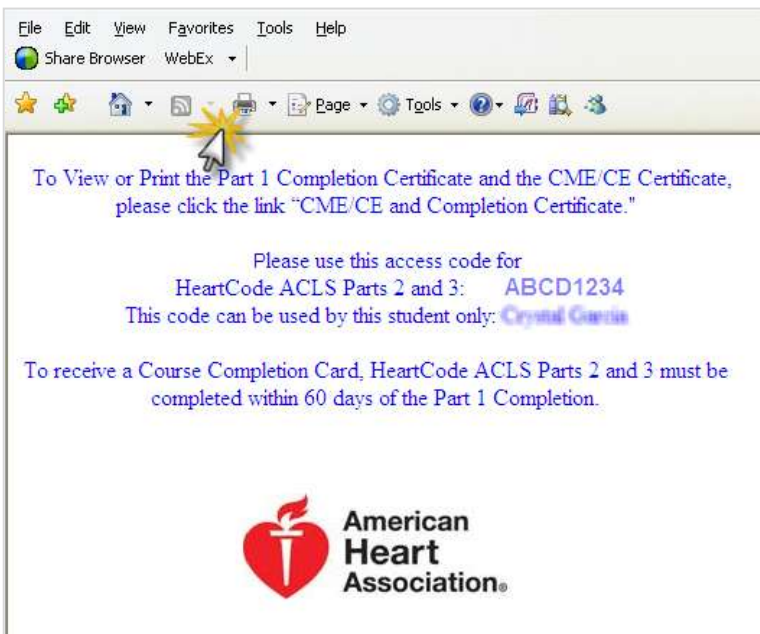
- [HeartCode ACLS Overview*](#)
- [HeartCode ACLS Part 1*](#)
- [Evaluation*](#)
- [CME/CE and Completion Certificate*](#)

Continuing Education Credit Information

The list below shows the CE credit for which you qualify, based upon you clicking the "Maintain Disciplines and Licenses" link below (if available) or b

Certificate of Completion: [View Certificate](#)


This certificate contains a uniquely generated **8 character code** which is used to access the second part of the course. We recommend printing this certificate for easy access when entering into the Parts 2 and 3 course.



To View or Print the Part 1 Completion Certificate and the CME/CE Certificate, please click the link "CME/CE and Completion Certificate."

Please use this access code for
HeartCode ACLS Parts 2 and 3: **ABCD1234**
This code can be used by this student only: **Crystal Garcia**

To receive a Course Completion Card, HeartCode ACLS Parts 2 and 3 must be completed within 60 days of the Part 1 Completion.

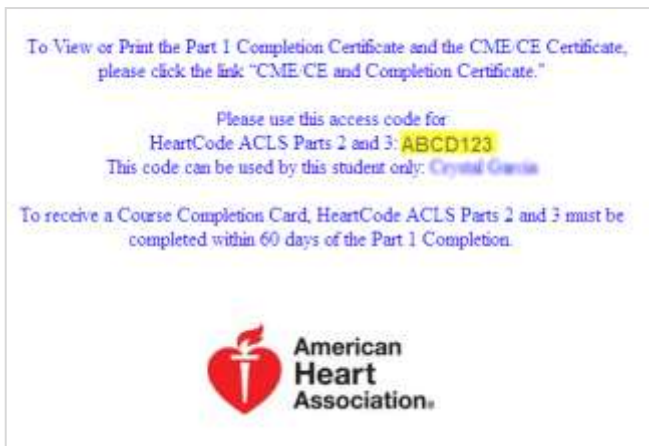


HEARTCODE ACLS PARTS 2 AND 3

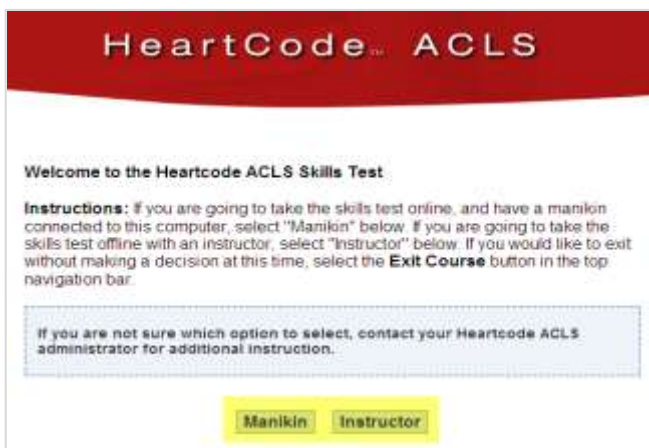
Access

HeartCode Parts 2 and 3 incorporates skills practice and skills testing into a single course. During Part 2, a certified AHA instructor should allow students time to practice the skills they will be assessed on prior to the Part 3 skills test. The VAM System provides students with audio feedback during each skills assessment. Students may practice until they are confident with their skills, and then submit their performance for testing.

1. To access the HeartCode ACLS Parts 2 and 3 course, begin by entering the **8 character code** from the Part 1 completion certificate.

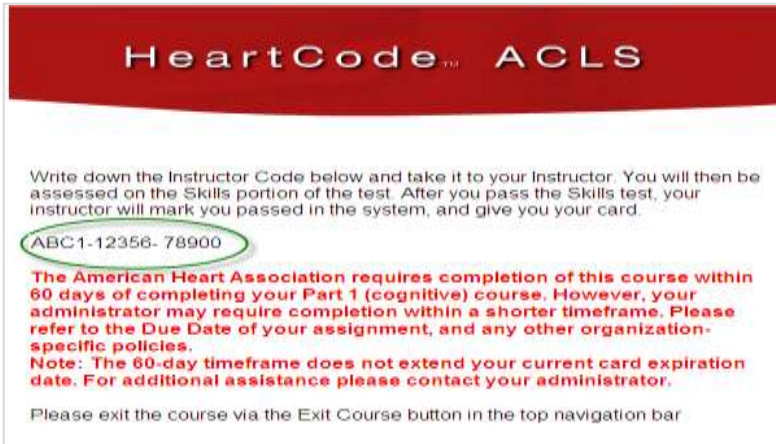


2. Next, click **Instructor** to complete the skills test with a certified AHA Instructor or **Manikin** to complete the skills test with the VAM System.
3. To confirm the selection, click **OK** when prompted and follow the instructions provided on the screen.



Completing with a Certified AHA Instructor

After selecting “Instructor” another code is provided. This code should be presented to the certified AHA instructor performing the skills test. This code may contain up to 17 characters. **An evaluation may also be required in Part 2 following the skills test to complete the course and receive an AHA ACLS Healthcare Provider (HCP) card.**



HeartCode™ ACLS

Write down the instructor Code below and take it to your instructor. You will then be assessed on the Skills portion of the test. After you pass the Skills test, your instructor will mark you passed in the system, and give you your card.

ABC1-12356- 78900

The American Heart Association requires completion of this course within 60 days of completing your Part 1 (cognitive) course. However, your administrator may require completion within a shorter timeframe. Please refer to the Due Date of your assignment, and any other organization-specific policies.

Note: The 60-day timeframe does not extend your current card expiration date. For additional assistance please contact your administrator.

Please exit the course via the Exit Course button in the top navigation bar.

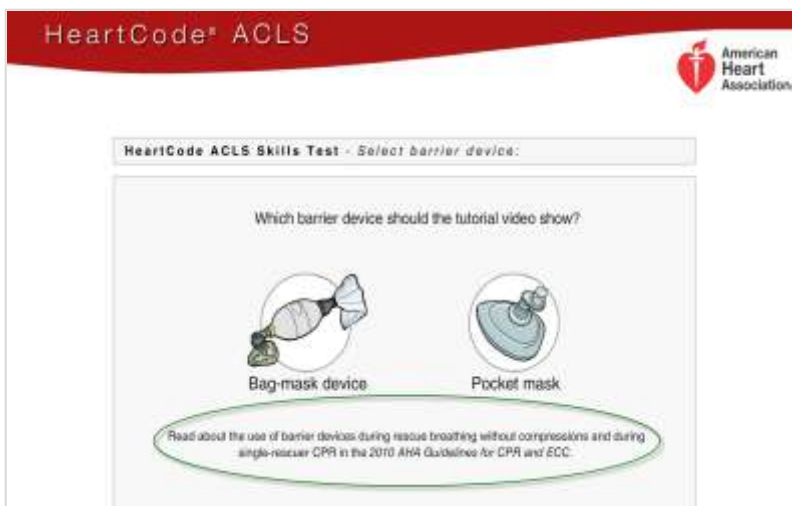
Completing with the VAM System

Prior to utilizing the VAM System for completion of skills testing, software must be installed on the computer connected to the manikin. **If the software is not installed, the message below will appear.** Contact a local administrator for assistance if you receive this message.



A needed component for this course can not be created.
Please make sure you are using Internet Explorer, and that its security setting allows it to run installed ActiveX components. Look for a yellow bar at the top of the screen.
It may also be because the client part of HeartCode ACLS have not been installed on this computer.
If you have the necessary privileges on this machine, you can download and install it from this [link](#).

If the software has previously been installed, continue by selecting the ventilation device you would like the tutorial videos within the course to demonstrate. Click on the picture of the ventilation device then follow the instructions on the screen.



HeartCode® ACLS

American Heart Association

HeartCode ACLS Skills Test - Select barrier device:

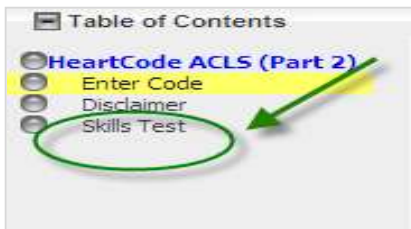
Which barrier device should the tutorial video show?

Bag-mask device Pocket mask

Read about the use of barrier devices during rescue breathing without compressions and during single-rescuer CPR in the 2010 AHA Guidelines for CPR and ECC.

Switching between Bag-mask and Pocket mask Tutorial Videos

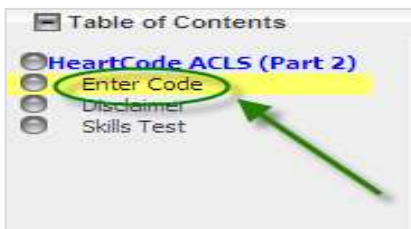
To view the tutorial videos demonstrating use of the alternate ventilation device, click on “Skills Test” from the table of contents and select the alternate device. It is recommended to complete the rescue breathing assessments using a bag mask device and the one rescuer CPR assessments using a pocket mask. To read more on the use of these devices, please refer to the **2010 AHA Guidelines for CPR and ECC located within your Part 1 course**. To access your Part 1 course, return to your transcript and click on the course title to launch.



Switching between Instructor or Manikin (Retrieve Instructor Code)

To switch between Instructor and Manikin, or to retrieve the Instructor Code:

1. Click the **Enter Code** link in the table of contents to return to the first screen of the skills course.



2. Re-enter the 8 character code.

A screenshot of the "HeartCode ACLS" interface. At the top, it says "HeartCode™ ACLS". Below that, there are instructions: "Instructions: Enter the 8 character code from your certificate in Heartcode ACLS (Part 1) and click submit." At the bottom, there is a text input field labeled "Certificate Code:" and a "Submit" button.

3. Click **Submit** and make the selection.

Parts 2 and 3 Certificate of Completion

A certificate is provided at the end of the skills course for HeartCode ACLS as proof of completion. **This does not replace an AHA ACLS HCP card.** Contact the training facility providing the course for information on receiving the completion card for the course.

