



Student User Guide for HeartCode BLS

Guidelines 2010 (G2010)

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WHAT IS HEARTCODE BLS?

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

HeartCode BLS Part 1 is the cognitive portion of the program where students review the lessons from the BLS Healthcare Provider text, treat five 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 BLS Part 1 course from the student's transcript.



In HeartCode BLS 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.

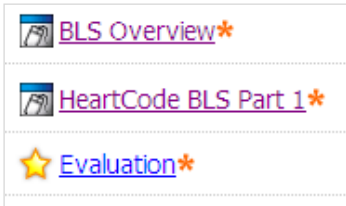
SYSTEM REQUIREMENTS

| | 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 BLS PART I

Course Contents

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



Learning Activity 1: Overview

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




COMPLETE

Learning Activity 2: HeartCode BLS 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**.

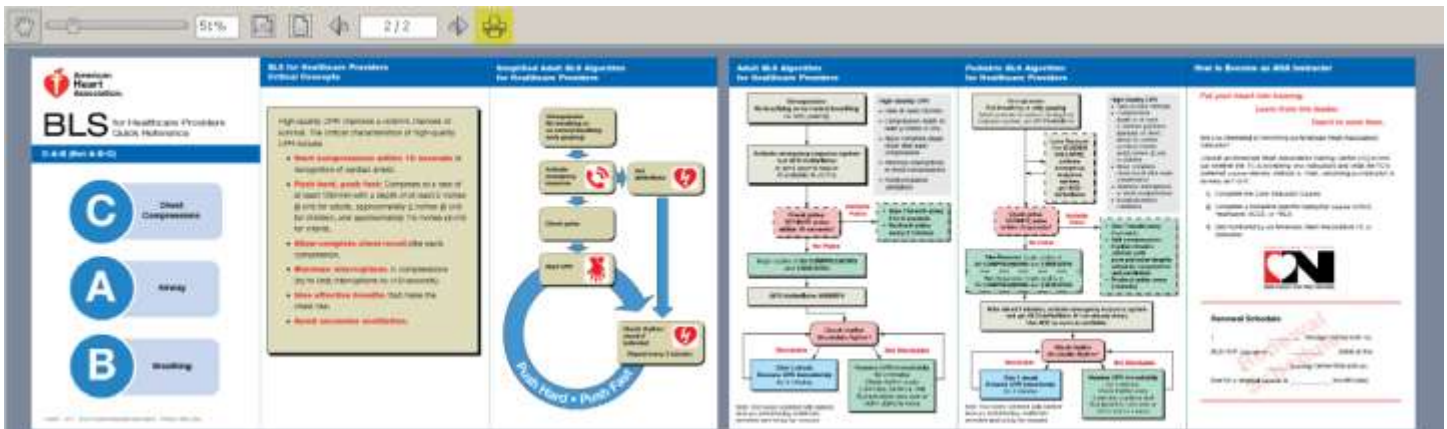


The following icons next to each lesson reflect the status of the lessons within the course.

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

Pocket Reference Card

A BLS Pocket Reference Card is located under the **AHA Textbook icon** and may be printed for your records. Click on the BLS Pocket Reference link then the print icon at the top of the page. **The option to print is not available for all materials.**



Self-Paced Navigation

All course material should be reviewed; however, 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.



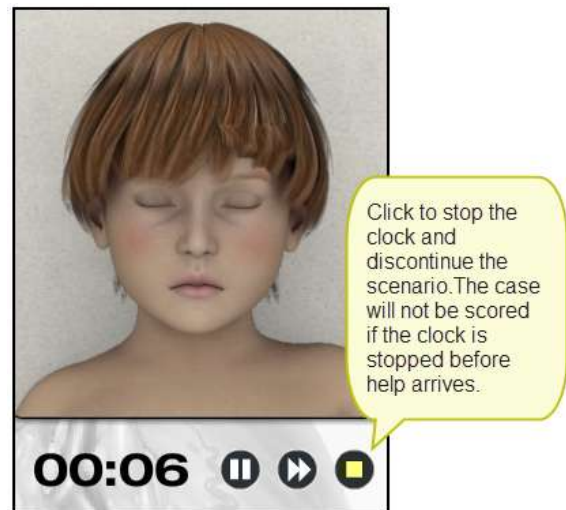
Treating a Patient

HeartCode BLS contains realistic patient cases which require interaction with the program to assess the patient and formulate a treatment plan based on the BLS algorithm. Use the series of actions at the bottom of the screen to control the providers in the scene. **You should become familiar with these actions before beginning a patient case.**



Ending a Scenario

The scenario ends when help arrives and the prompt to continue to the debriefing (as shown below) appears. The scenario may be discontinued sooner by stopping the clock, but the case will not be scored.



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.



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 BLS 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 complete the course and receive a certificate.

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



Part I Certification of Completion

After completing HeartCode BLS 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 below.

Course Learning Activities

You are enrolled in this course. Click the "Course Overview" link above to review the course description, learning objectives, and all available CE credit prior to beginning the learning activities below. (For CE Credit Information, scroll down.)

| Learning Activity | Status | Score | Last Accessed |
|-----------------------|-----------|-------|--------------------|
| BLS Overview* | Completed | 100% | 5/31/2011 10:40 PM |
| HeartCode BLS Part 1* | Completed | 100% | 5/31/2011 10:54 PM |
| Evaluation* | Passed | 100% | 5/26/2011 11:07 AM |

Continuing Education Credit Information

The list below shows the CE credit for which you qualify, based upon your professional license information in the system. If there is another credit listed on the Course Overview screen for which you qualify, update your professional license information by clicking the "Maintain Disciplines and Licenses" link below (if available) or by contacting your administrator.

Certificate of Completion: [View Certificate](#) [Maintain Discipline and License Information](#) [Refresh Credits](#)

Each certificate contains a uniquely generated **8 character code** which is used to access the second part of the course.



HEARTCODE BLS 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 BLS Parts 2 and 3 course, begin by entering the **8 character code** from the Part 1 completion certificate.



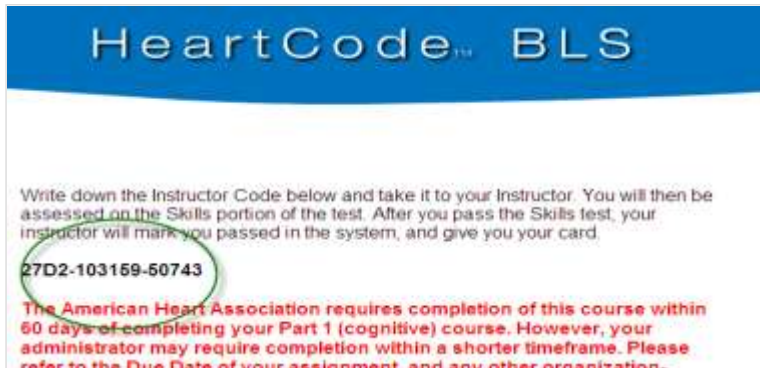
2. Next, click **Instructor** to complete the skills test with a certified AHA instructor or **Manikin** to complete the skills test with the VAM System.



3. To confirm the selection, click **OK** 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 BLS Healthcare Provider (HCP) card.**



HeartCode[™] BLS

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.

27D2-103159-50743

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-

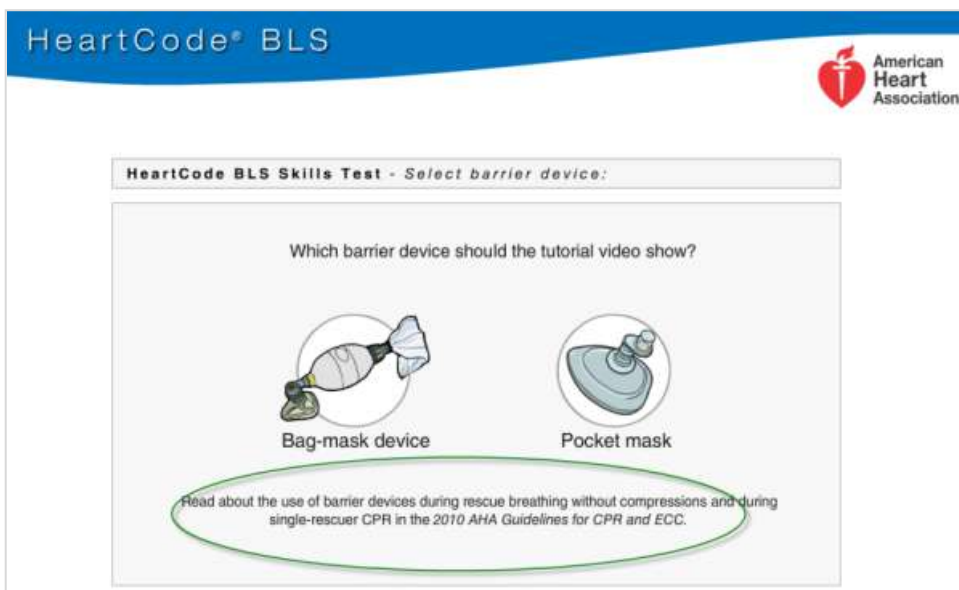
Completing with the VAM System

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[®] BLS

American Heart Association

HeartCode BLS 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

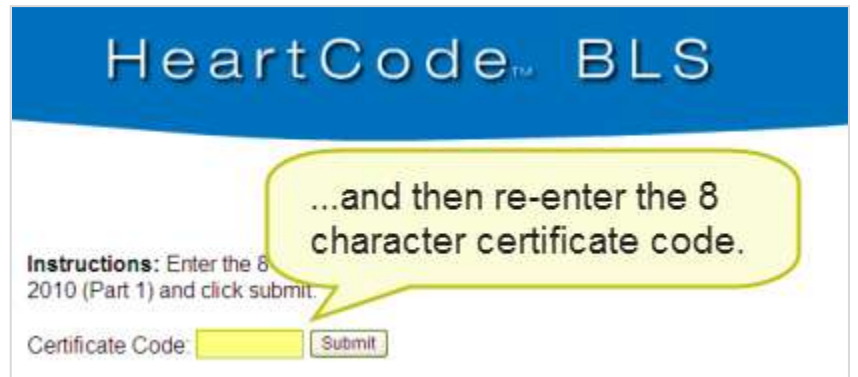
To view the tutorial videos demonstrating use of the alternate ventilation device, click on “Skills Test” from the table of contents and select the alternate device. It is recommended to complete the rescue breathing assessments using a bag mask device and the one rescuer CPR assessments using a pocket 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.
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 BLS as proof of completion. **This does not replace an AHA BLS HCP card.** Contact the training facility providing the course for information on receiving the completion card for the course.

