

#### **Courses for Healthcare Professionals**

Course	Delivery Format	Content / Modules	Features & Benefits	Audience	Student Materials	Instructor Materials	Written Exam / Skills Session	Course Completion Card Type	Estimated Time	CME / CE Credit	Offered in Spanish
BLS for Healthcare Providers	Classroom-based (Instructor and video)	Critical concepts of high-quality CPR The AHA Chain of Survival  1- and 2-rescuer CPR/AED for Adult/Child/Infant Differences between Adult, Child and Infant rescue techniques for Adult, Child and Infant Rescue breathing for Adult, Child and Infant Rescue breathing for Adult, Child and Infant Relief of choking for Adult, Child and Infant Intro to CPR with an Advanced Airway	Ideal for learners who prefer group interaction and feedback from an instructor while learning skills     Teaches both single-rescuer and team basic life support skills for application in both in- and out-of-hospital settings     Added emphasis on team resuscitation     Focus on the critical concepts of high-quality CPR	For healthcare professionals who need to know how to perform CPR, as well as other lifesaving skills, in a wide variety of in-hospital and out-of-hospital settings.	BLS for Healthcare Providers Student Manual (90-1038) Includes: BLS for Healthcare Providers Pocket Reference Card	BLS for Healthcare Providers Instructor Manual (90-1036)  BLS for Healthcare Providers Course & Renewal Course DVD (90-1035 or 90- 1084 two-disc set)  OR  BLS HCP Instructor Package (includes Instructor manual, student manual, DVD, stopwatch) (90-1037)	Written exam and skills test	BLS for Healthcare Providers course completion card	Initial Course: 4.5 hours Renewal course: 4 hours	No	Yes
BLS for Prehospital Providers	Blended learning  Online portion followed by classroom course	Critical concepts of high-quality CPR and high-performance teams The AHA Chain of Survival 1- and 2-rescuer CPR and AED for adult, child and infant Differences between adult, child and infant rescue techniques Bag-mask techniques Bag-mask techniques for adult, child and infant Rescue breathing for adult, child and infant Relief of choking for adult, child and infant CPR with an advanced airway	Tailored to providers working in the field; all scenarios are modeled after real-life experiences that they may actually face High-quality team CPR focus teaches how to conduct a code with teams ranging from 2-6 people Introduces the concept of post-case debriefing to BLS Instructors Develops Core Course Segments that provide the opportunity for Medical Directors to tailor the course to local response protocols	For prehospital, emergency care professionals including emergency medical technicians (EMTs), police officers, fire fighters, flight nurses, paramedics and advanced EMTs (AEMTs). This course is recommended for those who have previously received training in BLS and CPR.	BLS for Prehospital Providers Online Portion (90-1433; special code required for purchase by AHA US TCCs)	BLS for Prehospital Providers Instructor Supplement (90-1087; includes Instructor CD), to be used with the BLS for Healthcare Providers Instructor Manual  90-1086 BLS for Prehospital Providers Classroom DVD (90-1086)  OR  BLS for Prehospital Providers Instructor Packet (90-1085; includes Instructor Packet (90-1085; includes Instructor Supplement, DVD and one key to online portion)	Written exam and skills test	BLS for Healthcare Providers course completion card	Online portion: approx. 30-90 minutes  Classroom portion: approx. 2 hours, 15 minutes for skilled students with no optional modules; up to 3 hours for unskilled students, covering all optional modules	No	No

Updated November 2014



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BASIC LIFE S	SUPPORT (BLS)										·
BLS for Healthcare Providers Online Part 1	eLearning  Full course includes 3 parts:  Part 1 online  Part 2 hands- on skills session  Part 3 hands- on skills test	<ul> <li>Critical concepts of high-quality CPR</li> <li>The AHA Chain of Survival</li> <li>1- and 2-rescuer CPR/AED for Adult/Child/Infant</li> <li>Differences between Adult, Child and Infant rescue techniques</li> <li>Bag-mask techniques for Adult, Child and Infant</li> <li>Rescue breathing for Adult, Child and Infant</li> <li>Relief of choking for Adult, Child and Infant</li> <li>Intro to CPR with an Advanced Airway</li> </ul>	Self-paced and available 24/7     Includes 5 (five) interactive exercises, scenarios and a written test     Includes downloadable:         BLS for Healthcare Providers Pocket Reference Card         Adult/pediatric algorithms         Summary of steps         1-2 rescuer Adult BLS (with AED) skills testing sheet         1-2 rescuer Infant BLS skills testing sheet         Provides access to all information in online course for 24 months following activation of course key     Includes online access to the BLS for Healthcare Providers Student Manual	This program is for healthcare professionals seeking an alternative (nonclassroom) method for completing an initial or renewal/update BLS for Healthcare Providers Course.	BLS for Healthcare Providers Online Part 1 (90-1403)	BLS for Healthcare Providers Instructor Manual (90-1036)  AND  "Training Memo: BLS HCP eLearning Skills Practice & Testing Requirements 06/13 ," posted on the AHA Instructor Network under Courses > BLS or Healthcare Providers Online Part 1> Training Memos & Bulletins	Part 2, a hands-on skills session with an authorized AHA BLS Instructor Part 3, a skills test with an authorized AHA BLS Instructor	BLS for Healthcare Providers course completion card (upon completion of all 3 parts)	Part 1: 1-2 hours Time to complete a practice and testing session (Parts 2 and 3) varies	No	No



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BASIC LIFE S	SUPPORT (BLS)	•		•	•	•				•	
HeartCode® BLS Part 1	eLearning Full course includes 3 parts: Part 1 online Part 2 handson skills session Part 3 handson skills test	Critical concepts of high-quality CPR The AHA Chain of Survival  1- and 2-rescuer CPR and AED for adult, child and infant Differences between adult, child and infant rescue techniques Bag-mask techniques for adult, child and infant Rescue breathing for adult, child and infant Rescue breathing for adult, child and infant Rescue breathing for adult, child and infant Relief of choking for adult, child and infant Intro to CPR with an Advanced Airway	Five BLS patient cases, presented through eSimulation technology Self-paced and accessible 24 hours a day Debriefings and coaching provided immediately after each simulation, with hyperlinks to the referenced section of the BLS for Healthcare Providers Student Manual Printable BLS for Healthcare Providers Pocket Reference Card Online access to the BLS for Healthcare Providers Student Manual, the 2010 AHA Guidelines for CPR & ECC and the BLS portion of the 2010 Handbook of Emergency Cardiovascular Care for Healthcare Providers Access to all information in course for 24 months (two years) following activation of course key	This program is for healthcare professionals seeking an alternative (nonclassroom) method for completing an initial or renewal/update BLS for Healthcare Providers Course.	HeartCode BLS Part 1 Key (90-1404)	BLS for Healthcare Providers Instructor Manual (90-1036)  AND  "Training Memo: BLS HCP eLearning Skills Practice & Testing Requirements 06/13 ," posted on the AHA Instructor Network under Courses > BLS > HeartCode BLS Part 1> Training Memos & Bulletins	Part 2, a hands-on skills practice session with an AHA BLS Instructor or using a voice- assisted manikin (VAM) system Part 3, a skills test with an AHA BLS Instructor or using a Voice- Assisted Manikin (VAM) system)	BLS for Healthcare Providers Course Completion Card (upon completion of all three parts)	Part 1: 1-2 hours Time to complete a skills practice and testing session (Parts 2 and 3) varies	No	No



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ADVAN	CED CARDIOVASCUL	AR LIFE SUPPORT (AC	ELS)								
ACLS	Classroom-based (Instructor and video)	1-rescuer CPR and AED use     Science Overview (Update Course)     Team Dynamics     BLS and ACLS Surveys     Immediate Post-Cardiac Arrest Care     Airway Management/ Respiratory Arrest Periarrest Rhythms (Tachycardia, Bradycardia)     Arrest Rhythms (VF, PVT, PEA, Asystole)     Acute Coronary Syndromes (ACS)     Stroke     Megacode treatment	Emphasizes the importance of basic life support CPR to patient survival, the integration of effective basic life support with advanced cardiovascular life support interventions, and the importance of effective team interaction and communication during resuscitation     Simulated clinical scenarios encourage active, hands-on participation through learning stations where students will practice essential skills individually, as part of a team, and as team leader.     Realistic simulations reinforce the following key concepts:     Proficiency in basic life support care     Recognizing and initiating early management of periarrest conditions     Managing cardiac arrest     Identifying and treating ischemic chest pain and acute coronary syndromes     Recognizing other life-threatening clinical situations (such as stroke) and providing initial care     ACLS algorithms     Effective resuscitation team dynamics	This course is for healthcare professionals who either direct or participate in the management of cardiopulmonary arrest or other cardiovascular emergencies. This includes personnel in emergency response, emergency medicine, intensive care and critical care units such as physicians, nurses, and paramedics, as well as others who need an ACLS course completion card for job or other requirements.	90-1014 ACLS Provider Manual (90- 1014) Includes: ACLS Pocket Reference Card Set (90-1012) – also sold separately Handbook of ECC for Healthcare Providers recommended	ACLS Instructor Manual (90-1011)  ACLS DVD (90-1009)  OR  ACLS Instructor Package (90-1041), Includes:  • ACLS Provider Manual (90-1014)  • ACLS Instructor Manual (90-1011)  • 2 ACLS DVDs (90-1009)  • ACLS Posters (90-1013)  • ACLS Emergency Crash Cart Cards (90-1010)  • Stopwatch	Written exam and skills test	ACLS course completion card	Full course: 11 hours, 45 minutes Update course, 6 hours, 15 minutes	Yes, AHA offers CE for EMS students	Yes



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ADVANCED	CARDIOVASCUL	AR LIFE SUPPORT (AC	ELS)								
ACLS for Experienced Providers (ACLS EP)	Classroom-based (Instructor and video)	Applying the expanded systematic approach (ACLS EP Survey) to patient assessment, evaluation and management     Cardiovascular Emergencies     Cerebrovascular Emergencies     Respiratory and Metabolic Emergencies     Post—Cardiac Arrest Care     Clinical Pharmacology and Toxicology Emergencies     High Quality CPR     Effective communication within a resuscitation team and recognition of the impact of team dynamics on overall team performance	AHA's most advanced resuscitation course     Expands on core ACLS guidelines and encourages critical thinking and decision-making strategies     Features interactive, realistic, case-based scenarios to present material specific to experienced providers who routinely perform resuscitation     Includes four learning stations:	ACLS EP is for seasoned healthcare providers who are proficient in performing BLS and ACLS skills, reading and interpreting ECGs, and understanding ACLS pharmacology and who regularly lead or participate in emergency assessment and treatment of prearrest, arrest or postarrest patients. This audience includes physicians, paramedics and emergency department or critical care nurses. Also, the Course Director may allow other professionals who are deeply involved in the field of resuscitation, including scientists, educators and researchers, to take the ACLS EP Course.	ACLS EP Manual and Resource Text (90-1075) ACLS EP Online Exam Key (90-1083)	ACLS EP DVD Set (90-1076) Includes:  • ACLS EP Instructor DVD- ROM of ACLS EP Instructor Manual  • ACLS EP Course Video DVD* *Course Video DVD also sold separately (90-1077)  OR  ACLS EP Instructor Package (90-1078) Includes:  • ACLS EP DVD Set  • ACLS EP Manual and Resource Text	Written exam and skills test	ACLS EP course completion card	Approx. 8 hours	Yes, AHA offers CE for EMS students	No



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ADVANCED	CARDIOVASCU	ILAR LIFE SUPPORT (AC	ELS)								
HeartCode® ACLS Part 1	eLearning  Full course includes 3 parts:  Part 1 online  Part 2 hands-on skills session  Part 3 hands-on skills test	10 adult patient cases with up to four healthcare providers, presented through eSimulation technology:     Recognition and early management of respiratory and cardiac arrest     Recognition and early management of periarrest conditions such as symptomatic bradycardia     Airway management     Related pharmacology     Management of acute coronary syndromes (ACS) and stroke     Effective communication as a member and leader of a resuscitation team	Self-paced and accessible 24 hours a day     Precourse Self-Assessment to gauge students' knowledge and application of ECG recognition and pharmacology     Debriefings and coaching provided immediately after each simulation, with hyperlinks to the referenced section of the ACLS Provider Manual     Online access to the ACLS Provider Manual, the 2010 AHA Guidelines for CPR & ECC and the 2010 Handbook of Emergency Cardiovascular Care for Healthcare Providers     Provides access to all information in course for 24 months (two years) following activation of course key	This program is for healthcare professionals who either direct or participate in the management of cardiopulmonary arrest and other cardiovascular emergencies, specifically those seeking an alternative (nonclassroom) method for completing an initial or update ACLS Course.	HeartCode ACLS Part 1 Key (90-1045)	ACLS Instructor Manual (90-1011)  AND  "Training Memo: Skills Testing for HeartCode ACLS" posted on the AHA Instructor Network under Courses > ACLS > HeartCode ACLS Part 1> Training Memos & Bulletins	Part 2, a hands-on skills practice session with an AHA ACLS Instructor or using a voice- assisted manikin (VAM) system Part 3, a skills test with an AHA ACLS Instructor or using a VAM system	ACLS Course Completion Card (upon completion of all three parts)	Part 1 can be completed in approximately 10 hours; however, unprepared or inexperienced students may require additional time  Time to complete a skills practice and testing session (Parts 2 and 3) varies	Yes, CE is available for Physicians, Physician Assistants, Nurses, EMS and Pharmacists	No



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PEDIATRIC A	ADVANCED LIF	E SUPPORT (PALS)									
PALS	Classroom-based (Instructor and video)	1-rescuer child CPR and AED use     and 2-rescuer infant CPR     Management of respiratory emergencies     Rhythm disturbances and electrical therapy     Vascular access     Resuscitation team concept     Cardiac, respiratory and shock case discussions and simulations     Systematic Approach to Pediatric Assessment	Simulated pediatric emergencies teach and reinforce the important concepts of a systematic approach to pediatric assessment, basic life support, PALS treatment algorithms, effective resuscitation and team dynamics.     Emphasizes the importance of basic life support CPR to patient survival, the integration of effective basic life support with pediatric life support interventions, and the importance of effective team interaction and communication during resuscitation	PALS is for healthcare providers who respond to emergencies in infants and children. These include personnel in emergency response, emergency medicine, intensive care and critical care units, such as physicians, nurses, paramedics and others who need a PALS course completion card for job or other requirements	PALS Provider Manual (90-1052)  PALS Pocket Reference Card (90- 1053)	PALS Instructor Manual (90-1054)  PALS DVD Set (90- 1057)  PALS Posters (90- 1055)  PALS Emergency Crash Cart Cards (90-1056)  OR  PALS Instructor Package (90-1058), includes:  PALS Provider Manual (90- 1052)  PALS Instructor Manual (90- 1054)  PALS DVD Set (90-1057)  PALS Emergency Crash Cart Cards (90- 1056)PALS Posters (90- 1055)	Written exam and skills test	PALS course completion card	Full course: 14 hours, 10 minutes  Update with all optional stations: 8 hours, 20 minutes  Update without optional stations: 6 hours, 20 minutes	Yes, AHA offers CE for EMS students	Yes



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PEDIATRIC A	ADVANCED LIF	E SUPPORT (PALS)									
HeartCode® PALS Part 1	eLearning Full course includes 3 parts: Part 1 online Part 2 hands-on skills session Part 3 hands-on skills test	12 pediatric,     hospital-based,     patient cases with up     to four healthcare     providers, presented     through eSimulation     technology     Systematic approach     to pediatric     assessment     Recognition and     management of     respiratory and     shock emergencies     Recognition and     management of     respiratory and     cardiac arrest     Immediate post-     cardiac arrest care     Effective     communication	Self-paced and accessible 24 hours a day  Students assess and treat these pediatric patients virtually and receive real-time debriefing and coaching.  Precourse Self-Assessment to gauge students' knowledge and application of ECG rhythm recognition and pharmacology  Debriefings and coaching provided immediately after each simulation, with hyperlinks to the referenced section of the PALS Provider Manual  Emphasis on effective code team leader skills  Online access to the PALS Provider Manual, the 2010 AHA Guidelines for CPR and ECC and the 2010 Handbook of Emergency Cardiovascular Care for Healthcare Providers  Provides access to all information in the course for 24 months (two years) after activation of course key	For healthcare providers who respond to emergencies in infants and children. These include personnel in emergency response, emergency medicine, intensive care and critical care units, such as physicians, nurses, paramedics and others who need a PALS course completion card for job or other requirements and are seeking an alternative (nonclassroom) method for receiving a Course Completion Card.	HeartCode PALS Part 1 Key (90- 1052)	PALS Instructor Manual (90-1054) PALS DVD Set (90- 1057)	Part 2, a hands-on skills practice session with an AHA PALS Instructor or using a voice- assisted manikin (VAM) system Part 3, a skills test with an AHA PALS Instructor or using a VAM system	PALS Course Completion Card (upon completion of all three parts)	Part 1: 6-9 hours  Time to complete a skills practice and testing session (Parts 2 and 3) varies	Yes, CE is available for Physicians, Nurses and EMS	No



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PEDIATRIC	EMERGENCY A	SSESSMENT, STABILIZA	TION AND RECOGNITION (PEARS)								
PEARS®	Classroom- based (Instructor and video)	Pediatric     Assessment     Recognition and management of respiratory problems     Recognition and management of shock     Recognition and management of cardiac arrest     Resuscitation team concept	Teaches providers how to recognize respiratory distress, shock and cardiac arrest and how to provide appropriate lifesaving interventions.  Emphasizes the resuscitation team concept.	The PEARS Course is for healthcare providers such as emergency medical technicians (EMTs), medical and surgical nurses, school nurses and any other healthcare providers who see critically ill infants and children infrequently.	PEARS Provider Manual (90-1061)  PEARS Pocket Reference Card (90- 1052)	PEARS Instructor Manual (90-1063)  PEARS DVD Set (90-1064)  PEARS Posters (90-1065)  OR  PEARS Instructor Package (90-1066), includes:  • PEARS Provider Manual (90- 1061)  • PEARS Instructor Manual (90- 1063)  • PEARS DVD Set (90-1064)  • PEARS Posters (90-1065)	Written exam and skills test	PEARS course completion card	Full course (option 1 – following BLS Competency Lesson): 6 hours, 5 minutes  Full course (option 2 – Team Dynamics Practice): 6.5 hours  Update option 1: 5 hours, 20 minutes  Update option 2: 6 hours, 10 minutes	Yes, AHA offers CE for EMS students	No



#### **Additional Courses for Healthcare Professionals**

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RHYTHM REC	OGNITION	1			1	1	•	1	'		
ECG & Pharmacology	Classroom- based, (Instructor- led)	Basic electrophysiology     Normal ECG measurements     Basic Arrhythmias     Administration of appropriate drugs within the ACLS algorithms     Two modules: ECG and Pharmacology	Designed and developed to address key gaps in ECG recognition and Pharmacology specific to cardiopulmonary emergencies     Can be taught separately or combined into one course	For healthcare professionals who participate in the management of cardiopulmonary arrest or other cardiovascular emergencies, including personnel in emergency response, emergency medicine, intensive care and critical care units such as physicians, nurses, paramedics, and others who require this specialized knowledge for their job.	ECG & Pharmacology Student Workbook (90-1069)	ECG & Pharmacology Instructor CD (90- 1068)	Written exam	Students will receive a Certificate of Completion	ECG Module: approx. 3.5 hours; Pharma- cology module: approx. 2.75 Together, approx. 6.25 hours	Yes, AHA offers CE for EMS students	No
Learn:® Rhythm Adult	Online, self-directed	Basic rhythm understanding     Relationship between ECG strip and heart impulses     Common arrhythmias     Identifying and distinguishing various arrhythmias	Improves decision-making skills in distinguishing specific cardiac rhythms and arrhythmias     Allows healthcare providers to gain proficiency in ECG rhythm recognition in an effort to provide better patient treatment     Self-paced learning, accessible 24/7     Provides students ability to assess their own skills throughout the course     Convenient alternative to classroombased training     Access to course for 12 months from activation, allowing students to conveniently refresh knowledge	For healthcare professionals who need basic rhythm recognition skills. This includes telemetry staff, and those preparing for ACLS, such as paramedics/EMTs, nurses, physicians, clinical pharmacists and respiratory therapists.	Learn: Rhythm Adult Course Key (90- 1421)	None	Online exam	Students will receive a Certificate of Completion	Approx. 2.75 hours	Yes, CE is available for Physicians, Physician Assistants, Nurses, Pharmacists and EMS	No

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RHYTHM RE Learn:® Rhythm Pediatric	eLearning	Basic pediatric rhythm understanding     The relationship between the ECG strip and heart impulses     Common pediatric arrhythmias     Identifying and distinguishing various pediatric arrhythmias	Improves decision-making skills in distinguishing specific cardiac rhythms and arrhythmias     Allows healthcare providers to gain proficiency in ECG rhythm recognition in an effort to provide better patient treatment     Self-paced learning, accessible 24/7     Provides students ability to assess their own skills throughout the course     Access se for 12 months from activation, allowing students to conveniently refresh knowledge	Learn: Rhythm Pediatric is for healthcare professionals who need basic pediatric rhythm recognition skills, along with telemetry staff and personnel in ambulatory care, neonatal and pediatric ICUs, students preparing for PALS and nurses and emergency medical services personnel seeking to earn continuing education credits.	Learn: Rhythm Pediatric Key (90- 1423)	None	Online exam	Students receive a Certificate of Completion	Approx. 2.5 hours	Yes, CE is available for Nurses and EMS	No
STEMI											
STEMI Provider Manual with ECG ACS Ruler	Self-study booklet	Assessment, diagnosis and rapid treatment of ST-segment elevation myocardial infarction (STEMI) within the recommended 30-minute door-to-needle time and 90-minute door-to-balloon time     Systems of care for STEMI     Effective STEMI identification and treatment     Acute coronary syndromes (ACS) pathophysiology.     12-Lead ECG section includes ECGs with annotations for self-study	Supports AHA's Mission:     Lifeline™, a national initiative to improve quality of care and outcomes in heart attack patients by improving healthcare systems' readiness and response to STEMI patients.  Includes ECG ACS Ruler as a tool to help healthcare providers with reading and analyzing ECGs	Intended for out-of-hospital healthcare providers, as well as emergency department personnel and other STEMI systems of care providers.	STEMI Provider Manual with ECG ACS Ruler (90-1067) Also sold separately: ECG ACS Ruler (80- 1181)	None	Online exam	Students will receive a Certificate of Completion	Approx. 1.5 hours	Yes, CE is available for Physicians, Physician Assistants, Nurses and EMS	No



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STEMI	'	•	•	1	•		,		1	1	'
Learn <sup>:®</sup> Rapid STEMI ID	Online, self-directed	Emphasizes immediate recognition and treatment of ACS STEMI     Defines ACS and distinguishes STEMI from ECG mimics of STEMI     Includes self-assessments: Naming the Leads; Regions of the Heart; Measuring ST Deviation: and Correlating Regional Changes     Contains dynamic ECG Scope to measure ST-deviation	Supports AHA's Mission:     Lifeline™, a national initiative to improve quality of care and outcomes in heart attack patients by improving healthcare systems' readiness and response to STEMI patients.     Self-paced learning, accessible 24/7 Improves decision-making skills with accurate differentiation of 12-lead ECG     Improves appropriate patient triage and treatment     Convenient alternative to classroombased training     Access to course for 12 months following activation of course key, allowing for student refresher options	For healthcare professionals who want to improve their STEMI recognition and assessment skills or for healthcare professionals seeking continuing education credits.	Learn: Rapid STEMI ID Key (90-1415)	None	Online exam	Students will receive a Certificate of Completion	Approx. 5 hours	Yes, CE is available for Physicians, Physician Assistants, Nurses and EMS	No



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Stroke											
Acute Stroke Online	eLearning	Stroke chain of survival     7 D's of stroke survival     Definitions of ischemic and hemorrhagic stroke     Pathophysiology     Stroke risk factors     Stroke recognition     Stroke     management     Transition to critical care and rehabilitation	11 Checkpoint exercises with review questions     Online test and evaluation     Self-paced learning, accessible anytime     Expands on the AHA Stroke Algorithm     Access to course for 12 months allows for ongoing refresher	Acute Stroke Online is for in- and out-of-hospital personnel, particularly experience healthcare providers who are involved in the care and treatment of suspected stroke victims	Acute Stroke Online Course Key (90- 1425)	None	Online exam	Students will receive a Certificate of Completion	1-2 hours	Yes, CE is available for Physicians, Physician Assistants, Nurses and EMS	No



#### Courses for Lay Rescuers (workplace or anyone who needs a course completion card)

Course	Delivery Format	Content / Modules	Features & Benefits	Audience	Student Materials	Instructor Materials	Written Exam / Skills Session	Course Completion Card Type	Estimated Time	CME / CE Credit	Offered in Spanish
Heartsaver® CPR AED	Classroom- based (Instructor and video)	Adult CPR AED (with a mask)     Adult choking     Optional modules:         Child CPR AED         Child Choking         Infant CPR         Infant choking	Skills are taught using AHA's research-proven Practice-While-Watching technique, which allows Instructors to observe students, provide feedback and guide students' acquisition of skills     Modular format creates course flexibility     Ideal for learners who prefer group interaction and feedback from an Instructor while learning skills     Each student receives the highest quality course materials to supplement their learning     Skills practice and testing included during course to ensure students demonstrate competency performing skills	Heartsaver courses are for anyone with limited or no medical training who needs a course completion card in first aid and/or CPR AED to meet job, regulatory or other requirements.	Heartsaver CPR AED Student Workbook (90-1044) Includes: Adult CPR & AED Reminder Child & Infant CPR & AED Reminder	Heartsaver First Aid CPR AED Instructor Manual (90-1029) Heartsaver First Aid CPR AED DVD set (90-1028)	Optional written exam available for Instructors to administer to students whose employers require completion of a written exam  Skills practice and testing with AHA Instructor during course	Heartsaver CPR AED course completion card	3-4 hours	No	No
Heartsaver® First Aid	Classroom- based (Instructor and video)	First aid basics (including scene safety, finding the problem, calling for help and more)  Medical emergencies (including actions for choking, breathing problems, shock and more)  Injury emergencies (including actions for bleeding, broken bones, burns and more)  Environmental emergencies (including actions for bites and stings, and temperature-related and poison emergencies)	Skills are taught using AHA's research-proven Practice-While-Watching technique, which allows Instructors to observe students, provide feedback and guide students' acquisition of skills     Modular format creates course flexibility     Ideal for learners who prefer group interaction and feedback from an Instructor while learning skills     Each student receives the highest quality course materials to supplement their learning     Skills practice and testing included during course to ensure students demonstrate competency performing skills	Heartsaver courses are for anyone with limited or no medical training who needs a course completion card in first aid and/or CPR AED to meet job, regulatory or other requirements.	Heartsaver First Aid Student Workbook (90-1027) Includes: Heartsaver First Aid Quick Reference Guide (90-1025)	Heartsaver First Aid CPR AED Instructor Manual (90-1029) Heartsaver First Aid CPR AED DVD set (90-1028)	Optional written exam available for Instructors to administer to students whose employers require completion of a written exam  Skills practice and testing with AHA Instructor during course	Heartsaver First Aid course completion card	2-3 hours	No	No



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HEARTSA	VER COURSES										
Heartsaver First Aid Cf AED		First aid basics Medical emergencies Injury emergencies Environmental emergencies Adult CPR AED (with a mask) Adult choking Optional modules: Child CPR AED Child choking Infant CPR Infant choking	Skills are taught using AHA's research-proven Practice-While-Watching technique, which allows Instructors to observe students, provide feedback and guide students' acquisition of skills     Modular format creates course flexibility     Ideal for learners who prefer group interaction and feedback from an Instructor while learning skills     Each student receives the highest quality course materials to supplement their learning     Skills practice and testing included during course to ensure students demonstrate competency performing skills	Heartsaver courses are for anyone with limited or no medical training who needs a course completion card in first aid and/or CPR AED to meet job, regulatory or other requirements.	Heartsaver First Aid CPR AED Student Workbook (90-1026) Includes: Heartsaver First Aid Quick Reference Guide (90-1012) Adult CPR & AED Reminder Child & Infant CPR & AED Reminder	Heartsaver First Aid CPR AED Instructor Manual (90-1029) Heartsaver First Aid CPR AED DVD set (90-1028) Stopwatch	Optional written exam available for Instructors to administer to students whose employers require completion of a written exam  Skills practice and testing with AHA Instructor during course	Heartsaver First Aid CPR AED course completion card	5-7 hours	No	Yes



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Course	Delivery Format	Content / Modules	Features & Benefits	Audience	Student Materials	Instructor Materials	Written Exam / Skills Session	Course Completion Card Type	Estimated Time	CME / CE Credit	Offered in Spanish
HEARTSAVER	COURSES										
Heartsaver® Pediatric First Aid CPR AED	Classroom-based (Instructor and video)	The Four Steps of Pediatric First Aid (Prevent, Be Safe, Phone 911, Act) Illnesses and Injuries Child and Infant Safety Checklist How Children Act and Tips for Interacting With Them CPR AED and Choking: CPR and AED for Children How to Help a Choking Child CPR for Infants How to Help a Choking Infant CPR and AED for Adults (optional)	Designed to meet the regulatory requirements for child care workers in all 50 states (US)     Skills are taught using AHA's research-proven Practice-While-Watching technique, which allows Instructors to observe students, provide feedback and guide students' acquisition of skills     Ideal for learners who prefer group interaction and feedback from an Instructor while learning skills     Each student receives the highest quality course materials to supplement their learning     Skills practice and testing included during course to ensure students demonstrate competency performing skills	This course is for those involved in child care who have a duty to respond to a first aid emergency because of job responsibilities or regulatory requirements. This audience includes child care workers, teachers, foster care workers, camp counselors, youth organizations and coaches for children's sports organizations. This course is also ideal for parents, grandparents, babysitters and guardians.	Heartsaver Pediatric First Aid CPR AED Student Workbook (90-1074) Includes: Heartsaver Pediatric First Aid CPR AED Quick Reference Guide (90-1073) Adult CPR & AED Reminder Child & Infant CPR & AED Reminder	Heartsaver Pediatric First Aid CPR AED Instructor Manual (90-1071) Heartsaver Pediatric First Aid CPR AED DVD set (90-1072) Stopwatch	Optional written exam available for Instructors to administer to students whose employers require completion of a written exam  Skills practice and testing with AHA Instructor during course	Heartsaver Pediatric First Aid CPR AED course completion card	7-9 hours	No	No
Heartsaver® Bloodborne Pathogens	Classroom- based (Instructor and video)	Students learn to: Protect themselves from exposure to bloodborne pathogens Act when exposed to blood or blood-containing materials in the workplace Clean themselves and the area when exposed to blood or blood-containing materials in the workplace Tell or report any exposure to blood or blood-containing	Ideal for learners who prefer group interaction and feedback from an instructor     Content is based on the PACT acronym to reinforce critical learning points     Designed to meet Occupational Safety and Health Administration (OSHA) requirements for bloodborne pathogens training when paired with site-specific instruction     Available for first-time or renewal bloodborne pathogens training     Each student receives their own high quality course materials	Heartsaver Bloodborne Pathogens is designed for anyone with a reasonable chance of coming into contact with bloodborne pathogens such as correctional officers, childcare workers, security guards, maintenance workers, school personnel, hotel housekeepers, health and fitness club staff, tattoo artists	Heartsaver Bloodborne Pathogens Student Workbook (80-1491)	Heartsaver Bloodborne Pathogens Instructor Package (80-1492) Heartsaver Bloodborne Pathogens Posters (80-1502)	No	Students will receive a Certificate of Completion	1 hour	No	Yes



materials in the workplace

# **AHA Course Matrix**

Courses for Lay Rescuers (workplace or anyone who needs a course completion card)

Course	Delivery Format	Content / Modules	Features & Benefits	Audience	Student Materials	Instructor Materials	Written Exam / Skills Session	Course Completion Card Type	Estimated Time	CME / CE Credit	Offered in Spanish
HEARTSAVE	R COURSES										
Heartsaver <sup>®</sup> First Aid Online Part 1	eLearning Full course includes 3 parts: Part 1 online Part 2 hands-on skills session Part 3 hands-on skills test	First aid basics     (including scene     safety, finding the     problem, calling for     help and more)     Medical     emergencies     (including actions     for choking,     breathing problems,     shock and more)     Injury emergencies     (including actions     for bleeding, broken     bones, burns and     more)     Environmental     emergencies     (including actions     for bites and stings,     and temperature-     related and poison     emergencies)	Self-paced and available 24/7     Includes online content, interactive exercises and videos     Certificate of completion available to print when Part 1 has been completed successfully     Students have access to all information in the online program for 24 months following activation of their course key	Heartsaver online courses are for anyone with limited or no medical training who needs a course completion card in first aid and/or CPR AED to meet job, regulatory or other requirements and who are seeking an alternative to classroom-based training.	Heartsaver First Aid Online Part 1 (90- 1400)	Heartsaver First Aid CPR AED Instructor Manual (90-1029)  AND  "Training Memo: Heartsaver eLearning Courses - Skills Practice and Skills Testing Requirements," posted on the AHA Instructor Network under Courses > Heartsaver eLearning Courses>Training Memos and Bulletins	Optional written exam available for Instructors to administer to students whose employers require completion of a written exam  Part 2 – handson skills practice session with an AHA Instructor  Part 3 – skills test with an AHA Instructor	Heartsaver First Aid course completion card	1-1.5 hours	No	No
Heartsaver® CPR AED Online Part 1	eLearning  Full course includes 3 parts:  Part 1 online  Part 2 hands-on skills session	Adult CPR AED (with a mask)     Adult choking     Optional modules:     Child CPR AED     Child Choking     Infant CPR     Infant choking	Self-paced and available 24/7     Includes online content, interactive exercises and videos     Certificate of completion available to print when Part 1 has been completed successfully     Students have access to all information in the online program for 24 months following activation of their course key	Heartsaver online courses are for anyone with limited or no medical training who needs a course completion card in first aid and/or CPR AED to meet job, regulatory or other requirements and who are seeking an alternative to classroom-based training.	Heartsaver CPR AED Online Part 1 (90-1402)	Heartsaver First Aid CPR AED Instructor Manual (90-1029)  AND  "Training Memo: Heartsaver eLearning Courses – Skills Practice and Skills Testing Requirements," posted on the AHA Instructor Network under Courses > Heartsaver	Optional written exam available for Instructors to administer to students whose employers require completion of a written exam  Part 2 – handson skills practice session with an AHA Instructor	Heartsaver CPR AED course completion card	30 minutes	No	No



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art 3 Inds-on Ills test		Co	Courses>Training	Part 3 – skills test with an AHA Instructor		

Courses for Lay Rescuers (workplace or anyone who needs a course completion card)

Course	Delivery Format	Content / Modules	Features & Benefits	Audience	Student Materials	Instructor Materials	Written Exam / Skills Session	Course Completion Card Type	Estimated Time	CME / CE Credit	Offered in Spanis
HEARTSAVER	COURSES										
Heartsaver® First Aid CPR AED Online Part 1	eLearning  Full course includes 3 parts:  Part 1 online  Part 2 hands-on skills session  Part 3 hands-on skills test	First aid basics Medical emergencies Injury emergencies Environmental emergencies Adult CPR AED (with a mask) Adult choking Optional modules: Child CPR AED Child CPR AED Infant CPR Infant CPR Infant choking	Self-paced and available 24/7     Includes online content, interactive exercises and videos     Certificate of completion available to print when Part 1 has been completed successfully     Students have access to all information in the online program for 24 months following activation of their course key	Heartsaver online courses are for anyone with limited or no medical training who needs a course completion card in first aid and/or CPR AED to meet job, regulatory or other requirements and who are seeking an alternative to classroom-based training.	Heartsaver First Aid CPR AED Online Part 1 (90-1401)	Heartsaver First Aid CPR AED Instructor Manual (90-1029)  AND  "Training Memo: Heartsaver elearning Courses – Skills Practice and Skills Testing Requirements," posted on the AHA Instructor Network under Courses > Heartsaver elearning Courses>Training Memos and Bulletins	Optional written exam available for Instructors to administer to students whose employers require completion of a written test  Part 2 – handson skills practice session with an AHA Instructor  Part 3 – skills test with an AHA Instructor	Heartsaver First Aid CPR AED course completion card	1.5-2 hours	Yes, for general audiences through IACET	No



#### Courses for Lay Rescuers (workplace or anyone who needs a course completion card)

Course	Delivery Format	Content / Modules	Features & Benefits	Audience	Student Materials	Instructor Materials	Written Exam / Skills Session	Course Completion Card Type	Estimated Time	CME / CE Credit	Offered in Spanish
HEARTSAVER	COURSES										
Heartsaver® Pediatric First Aid CPR AED Online Part 1	eLearning  Full course includes 3 parts:  Part 1 online  Part 2 hands-on skills session  Part 3 hands-on skills test	Four Steps of First Aid (Prevent, Be Safe, Phone 911, Act)     Pediatric first aid skills such as finding the problem, stopping bleeding, bandaging and using an Epinephrine pen     Child CPR AED     infant CPR     Optional modules:         Adult CPR AED         Child mask         infant mask         Asthma Care         Training for Child Care Providers	Self-paced and available 24/7 Interactive exercises and videos Certificate of completion available to print when Part 1 has been completed successfully Online access to portions of the Heartsaver Pediatric First Aid CPR AED Student Workbook Printable Heartsaver Pediatric First Aid CPR AED Quick Reference Guide Online access to several AHA resources to aid in learning Students have access to all information in the online course for 24 months following activation of their course key	The primary audience for this course is child care providers, child/day care workers, parents/grandparents, nannies and babysitters who need a course completion card to meet job or regulatory requirements and who prefer online/blended learning as an alternative to classroom-based training. This course is also appropriate for educators, teachers and the general public	Heartsaver Pediatric First Aid CPR AED Online Part 1 (90- 1434)	Heartsaver Pediatric First Aid CPR AED Instructor Manual Heartsaver Practice and Testing (P&T) Lesson Maps, on the AHA Instructor Network at Courses>Heartsav er>Heartsaver eLearning Courses>Course Resources	Optional written exam available for Instructors to administer to students whose employers require completion of a written exam  Part 2 – hands- on skills practice session with an AHA Instructor  Part 3 – skills test with an AHA Instructor	Heartsaver Pediatric First Aid CPR AED course completion card	2.5 hours	No	No
Heartsaver® Bloodborne Pathogens Online	eLearning	Students learn to: Protect themselves from exposure to bloodborne pathogens Act when exposed to blood or blood-containing materials in the workplace Clean themselves and the area when exposed to blood or blood-containing materials in the workplace Tell or report any exposure to blood or blood-containing materials in the workplace	Ideal for learners who prefer group interaction and feedback from an instructor     Content is based on the PACT acronym to reinforce critical learning points     Designed to meet Occupational Safety and Health Administration (OSHA) requirements for bloodborne pathogens training when paired with site-specific instruction     Available for first-time or renewal bloodborne pathogens training     Each student receives their own high quality course materials	Heartsaver Bloodborne Pathogens is designed for anyone with a reasonable chance of coming into contact with bloodborne pathogens such as correctional officers, childcare workers, security guards, maintenance workers, school personnel, hotel housekeepers, health and fitness club staff, tattoo artists	Heartsaver Bloodborne Pathogens Online (80-1501)	None	No	Students will receive a Certificate of Completion	1 hour	No	No



# Courses for General Community (family, friends and those who do not need a course completion card)

Course	Delivery Format	Content / Modules	Features & Benefits	Audience	Student Materials	Instructor/ Facilitator Materials	Written Exam / Skills Session	Course Completion Card Type	Estimated Time	CME / CE Credit	Offered in Spanish
COMMUNIT	COURSES & PR	OGRAMS							_		
Family & Friends® CPR	Classroom-based  Facilitated Group	Adult Hands- Only™ CPR/AED/ Choking     Child CPR/AED/ Choking     Infant CPR/ Choking	Stand-alone modules can be taught together or separately for added flexibility Offers opportunity to learn basic CPR in a dynamic group environment with feedback from an Instructor or facilitator Uses AHA's research-proven Practice-While-Watching method to provide students with the most hands-on CPR practice time possible during the course Can be led by an AHA Instructor or a facilitator	Anyone who wants to learn CPR in an Instructor-led or facilitated group environment.  Anyone who does not need a course completion card for a job or other requirements.  A good option for middle- and high-school students who do not need a course completion card	Family & Friends CPR Student Manual (90-1007)	Family & Friends CPR DVD with Facilitator Guide (90- 1033)	None	None Tear-out participation card included in student manual	Adult Hands-Only CPR/AED/ Choking: 25 minutes  Child CPR/AED/ Choking: 35 minutes  Infant CPR/ Choking: 30 minutes	No	Yes
Family & Friends® CPR Anytime®	Self-directed learning through personal kit	Adult Hands-Only CPR     Child CPR (including breaths)     Adult and child choking relief     Use of an AED	For those who prefer self-paced learning and independent practice     Practice on your own manikin while watching skills demonstration on DVD     Bilingual kit helps deliver training to more audiences     Take-home kit provides for convenient skills refresher     Kit can be shared to extend training to all family members and friends	General public, specifically anyone who wants to learn basic CPR skills, choking relief and AED awareness, and does not need a course completion card	Family & Friends CPR Anytime Kit: Light Skin (90-1003) Brown Skin (90-1004)	None	None	None	20 minutes	No	Yes, kit is bilingual



#### Courses for General Community (family, friends and those who do not need a course completion card)

Course	Delivery Format	Content / Modules	Features & Benefits	Audience	Student Materials	Instructor Materials	Written Exam / Skills Session	Course Completion Card Type	Estimated Time	CME / CE Credit	Offered in Spanish
Infant CPR Anytime®	Self-directed learning through personal kit	Infant CPR     Relief of choking in an infant     Calling for help	Self-directed, personal training kit     Includes everything needed to learn basic infant CPR and relief of choking     Co-branded with the American Academy of Pediatrics     Emphasis on CPR with breaths for infants     Includes personal manikin that clicks when you've pressed hard enough     Fully bilingual kit helps deliver training to more audiences     Take-home kit provides for convenient skills refresher     Kit can be shared to extend training to all family members and friends	New parents, grandparents, family members and anyone who wants to learn lifesaving infant CPR and choking skills but does not need a course completion card  This kit also is used in hospital NICU and PICU programs to teach skills to new parents, while allowing nursing staff to focus on patient care	Infant CPR Anytime Kit: Light Skin (90-1001) Brown Skin (90-1002)	None	None	None	20 minutes	No	Yes, kit is bilingual
CPR in Schools Training Kit™	Facilitated Group Facilitated learning in school settings	Adult Hands- Only™ CPR     Child CPR (including breaths)     Adult and child choking relief     Use of an AED	Durable and portable to enable training in school settings Contains everything needed to facilitate a CPR in Schools training class for 10 students at once Includes10 Mini Anne Plus personal manikins Fully bilingual to help deliver training to more audiences Take-home kit provides for convenient skills refresher Kit can be shared to extend training to all family members and friends	The kit was developed for educators, school nurses or even student leaders to train groups of 10 students at once in a school setting. The kit can also be used to train school faculty, staff, parents, volunteers and community members to extend the lifesaving skills into the community.	CPR in Schools Training Kit: Light Skin (90-1088) Brown Skin (90-1089)	None	None	None	Less than 30 minutes	No	Yes, kit is bilingual



#### Courses for General Community (family, friends and those who do not need a course completion card)

Program	Location	Description	Features & Benefits	Audience
COMMUNITY COURSES &	PROGRAMS			
Be the Beat	www.bethebeat.heart.org (for teens) www.bethebeat.heart.org/schools (for adults)	Free, fun, interactive portal designed to teach teens the simple steps of saving a life in a cardiac emergency while they have fun.  Goal: create the next generation of lifesavers.	Free  For Teens:  Games, music, videos and animations designed to teach the simple steps to save a life  Prizes (ringtones, downloads, iPods)  For Schools, Administrators, Programs, Educators and adults:  Lesson plans  Emergency Response Plans  Links to training materials  School spotlights  Flyers about the program	Teens and 'tweens Adults who work with this audience and need free materials to incorporate into lessons or to adhere to state mandates  Teens and 'tweens Adults who work with this audience and need free materials to incorporate into lessons or to adhere to state mandates
Hands-Only™ CPR	www.heart.org/handsonlycpr	Everyone should know the simple steps to save a life! If you see an adult collapse:  1. Call 911 2. Push hard and fast in the center of the chest until an AED or help arrives	<ul> <li>Information about Hands-Only CPR</li> <li>Animated Hands-Only CPR how-to video</li> <li>Media center</li> <li>Free apps for iPhone, Droid and Palm Pre</li> <li>Survivor stories</li> </ul>	Everyone



# AHA Course Matrix Products Based on 2005 Guidelines

#### **Courses for Healthcare Providers**

Course	Delivery Format	Content / Modules	Features & Benefits	Audience	Student Materials	Instructor Materials	Written Exam / Skills Session	Course Completion Card Type	Estimated Time	CME / CE Credit	Offered in Spanish
AIRWAY MAN	IAGEMENT										
Airway Management	Classroom- based (Instructor and video)	Bag-mask ventilation and airway adjuncts  Optional:  Laryngeal mask airway  Esophageal-tracheal tube Endotracheal tube Impedance threshold devise	Skills video demonstrations reinforce proper technique     Simple course flow of skills demonstration, skills practice and skills testing     The course units cover required topics and offer optional topics based on needs     Video includes computergenerated animation	Airway management provides training for healthcare providers whose occupation or volunteer activities require airway management skills and professionals in the field of resuscitation and airway management	Airway Management Student Guide (80- 1464)	Airway Management Facilitator Manual (80-1465) Airway Management DVD (80-1455)	Skills testing occurs during instruction	Students will receive a Certificate of Completion	5 hours (with all optional modules)	Yes, AHA offers CE for EMS students	No