

ECC Course Matrix 2005

This matrix was developed as a guide to aid instructors, employers, and students in determining which course suits their needs. The jobs and positions listed in the “Audience” column are neither all-inclusive nor restrictive. Instructors should not use the “Audience” column as criteria for admission to the course.

Healthcare Provider Courses

Course	Course Description	Target Participants	Student Materials	Instructor Materials	Card Type	Written/Skills Examination
BLS for Healthcare Providers <i>Course length: 6 to 8 hours</i>	The BLS for Healthcare Providers Course teaches the skills of CPR for victims of all ages (including ventilation with a barrier device, a bag-mask device, and oxygen), use of an AED on adults and children, and relief of FBAO in responsive and nonresponsive victims. The course is designed for healthcare providers who care for both in and out of hospital.	Healthcare providers, such as physicians; nurses; paramedics; EMTs; respiratory therapists; physical and occupational therapists; physician assistants; residents, fellows, or medical or nursing students; aides; patients in a wide variety of settings, and other allied health personnel	<u>Required:</u> <i>BLS for Healthcare Providers</i> or <i>Fundamentals of BLS for Healthcare Providers</i>	<i>Instructor's Manual: BLS</i> BLS for HCP Instructor's Tool Kit with required videos	Course completion	Required for course completion card
ACLS <i>Course length: 8 to 16 hours</i>	The ACLS Provider Course is designed to teach providers the knowledge and skills needed to evaluate and manage the first 10 minutes of an adult VF/VT arrest. Students are expected to learn to manage 10 core ACLS cases: respiratory emergency, 4 types of cardiac arrest (simple VF/VT, complex VF/VT, PEA, and asystole), 4 types of prearrest emergencies (bradycardia, stable tachycardia, unstable tachycardia, and acute coronary syndromes), and stroke.	Emergency, intensive care, or critical care personnel; emergency medical providers such as physicians, nurses, EMTs, paramedics, respiratory therapists; and other professionals who may need to respond to a cardiovascular emergency	<u>Required:</u> <i>ACLS Provider Manual</i> or <i>ACLS: The Reference Textbook</i> <u>Strongly recommended:</u> <i>ECC Handbook</i>	<i>Instructor's Manual: ACLS</i> ACLS Instructor's Tool Kit	Course completion	Required for course completion card
ACLS EP <i>Course length: 9 to 10 hours</i>	The ACLS Experienced Provider Course is designed for seasoned ACLS providers who wish to renew their provider status. The course provides a stimulus for expert clinicians and scientists to identify and discuss resuscitation in special circumstances.	Professionals, clinicians, and scientists who frequently must respond to cardiovascular emergencies and special resuscitation situations in the workplace	<u>Required:</u> <i>ACLS: The Reference Textbook</i> <u>Strongly Recommended:</u> <i>ECC Handbook</i>	<i>Instructor's Manual: ACLS EP</i> (2004 edition, 70-2294)	Course completion	Required for renewal or course completion card
PALS <i>Course length: 14 hours</i>	The goal of the PALS Provider Course is to teach students how to recognize infants and children at risk for cardiopulmonary arrest, to provide students with strategies for preventing cardiopulmonary arrest in infants and children, and to teach students how to perform the cognitive and psychomotor skills for resuscitating and stabilizing infants and children in respiratory failure, shock, or cardiopulmonary arrest. Skills in bag-mask ventilation, management of airway, defibrillation and cardioversion, use of AEDs for children older than 1 year, and rhythm management are emphasized. A modular approach is provided.	Pediatricians, house staff, emergency physicians, family physicians, nurses, paramedics, respiratory therapists, and other healthcare providers who are responsible for responding to emergencies in infants and children	<u>Required:</u> <i>PALS Provider Manual</i> <u>Strongly recommended:</u> <i>ECC Handbook</i>	<i>Instructor's Manual: PALS</i> PALS Instructor's Tool Kit with required videos	Course completion	Required for course completion card

Healthcare Provider Skills Tests

Course	Course Description	Audience	Student Materials	Card Type	Written/Skills Examination
BLS Online Renewal Skills Test	<p>The BLS Online Renewal Skills Test is the skills validation portion of the overall BLS Online Renewal Course.</p> <p>Once the student completes the online portion of the course, he/she must then complete a Skills Test through an authorized American Heart Association Training Center in order to receive an American Heart Association BLS Healthcare Provider card.</p>	Those healthcare professionals who have acquired knowledge and skills from prior CPR training and years of patient care and need to renew their BLS Healthcare Provider card.	Internet access is required to complete Part 1 (online check-points and exam).	Course completion – BLS Healthcare Provider	Written exam completed online. Skills Test required for course completion card.
ACLS Skills Test	<p>The ACLS Skills Test is the skills validation portion of the ACLS HeartCode self-directed learning program.</p> <p>Once the student successfully completes the 10 interactive patient scenarios and the ACLS written exam, he/she must then complete a Skills Test through an authorized American Heart Association Training Center in order to receive an American Heart Association ACLS Provider card.</p>	Healthcare professionals in hospital, pre-hospital and EMS setting who need to renew or receive certification in ACLS.	<p>ACLS HeartCode CD-ROM</p> <p>Also, a computer with a CD-ROM drive is required for the CD-based portion of ACLS HeartCode.</p>	Course completion – ACLS Provider	Written exam completed and certificate issued through CD-ROM program. Skills Test required for course completion card.
PALS Skills Test	<p>The PALS Skills Test is the skills validation portion of the PALS Online Course.</p> <p>Part 2 of the course includes a full day of skills instruction, practice and evaluation with an American Heart Association Instructor in order to receive a PALS Provider card.</p> <p>Both Part 1 and Part 2 must be arranged in advance with a PALS Training Center.</p>	Physicians, paramedics, nurses, and other healthcare professionals interested in expanding their knowledge of pediatric emergency care.	Internet access is required to complete the six online modules of the course.	Course completion – PALS Provider	Written exam completed online. Skills Test required for course completion card.

Workplace/Credentialed Courses

Course	Course Description	Audience	Student Materials	Instructor Materials	Card Type	Written/Skills Examination
Heartsaver CPR Course length: All ages: 5½ to 6 hours Adult only: 3 hours Infant/child only: 3 hours	The Heartsaver CPR Course is a modular CPR course that teaches rescuers how to recognize and treat life-threatening emergencies, including cardiac arrest and choking for responsive adult, child, and infant victims. Students also learn to recognize the warning signs of heart attack and stroke in adults and breathing difficulties in children. This program teaches rescue breathing with and without the use of barrier devices. This course does not teach the use of AEDs in adults. Heartsaver CPR (all ages) teaches CPR and relief of choking in the adult, infant, and child. Heartsaver CPR (adult module) teaches CPR and relief of choking in the adult. Heartsaver CPR (infant and child module) teaches CPR and relief of choking for infants (birth to 1 year) and children (1 to 8 years).	Those with a duty to respond, such as employees in the workplace, daycare workers, baby-sitters, police, airline personnel, security guards; family members of patients at high risk for sudden cardiac arrest, other rescuers, and those who need or want to learn CPR.	Required: <i>Heartsaver CPR Student Manual</i>	<i>Instructor's Manual: Basic Life Support</i> <i>Instructor's Tool Kit: Heartsaver CPR</i> with required videos	Course completion card (modular)	Required for course completion card
Heartsaver AED Course length <i>Adult: 3 hours</i> <i>Adult AED & Infant/Child CPR: 6¼ hours</i>	The Heartsaver AED Course teaches the basic techniques of adult CPR and use of an AED. Child AED and infant/child CPR may be taught if students live or work in a setting where children are present. Students also learn to use barrier devices in CPR and give first aid for choking in the responsive victim. The course teaches how to recognize the signs of 3 major emergencies: heart attack, stroke and choking.	Those with a duty to respond, such as police, airline personnel, security guards, and employees in the workplace; family members of patients at high risk for sudden cardiac death; and other rescuers who may need to respond to a cardiac emergency and need to learn how to operate an AED.	Required: <i>Heartsaver AED Student Manual</i>	<i>Instructor's Manual: Basic Life Support</i> <i>Instructor's Manual: Heartsaver AED</i> Instructor's Package: Heartsaver AED	Course completion card (modular)	Required for course completion card
Heartsaver First Aid Course length: <i>Heartsaver First Aid:</i> 3 to 4 hours <i>Heartsaver First Aid with CPR & AED:</i> 6 to 7 hours <i>Pediatric Module (infant/child CPR & child AED):</i> 3½ hours	The Heartsaver First Aid Course teaches rescuers to effectively recognize and treat adult emergencies in the critical first minutes until EMS personnel arrive. The Heartsaver First Aid with CPR and AED course provides a complete health and safety training solution for first aid, adult CPR, and AED. Optional modules include child CPR and AED, and infant CPR, and environmental emergencies.	Those with a duty to respond to emergencies in the workplace or community, as well as those who want to learn first aid, CPR, and AED skills. Some rescuers are required to take this course as part of their employer's efforts to comply with OSHA regulations (ex. corporate employees, security guards, airline personnel, lifeguards).	Required: <i>Heartsaver First Aid</i> or <i>Heartsaver First Aid With CPR and AED</i> or <i>Heartsaver First Aid with CPR & AED</i> and Pediatric module to Heartsaver First Aid	<i>Instructor's Manual: Basic Life Support</i> <i>Instructor's Manual: Heartsaver First Aid</i> <i>Heartsaver First Aid VHS or DVD format</i> or Instructor's Package: <i>Heartsaver First Aid</i> Optional: <i>Instructor's Manual: Heartsaver AED</i> , if AED module is taught	Course completion card (modular)	Required for course completion card

Workplace/Credentialed Courses

Course	Course Description	Audience	Student Materials	Instructor Materials	Card Type	Written/Skills Examination
Heartsaver CPR in Schools <i>Course length</i> <i>Adult and infant/child:</i> 5 to 6 hours <i>Adult:</i> 3 hours <i>Infant/child:</i> 3 hours	The Heartsaver CPR in Schools Course is designed to teach both adult and infant/child CPR to middle- and high-school students. The course presents information about the AHA adult and pediatric Chains of Survival, signs of heart attack, cardiac arrest, stroke, and choking in adults. The course also addresses signs of choking in infants and children, prevention of the most common causes of fatal pediatric injuries, and reduction of sudden infant death syndrome. The course has been organized into 40-minute blocks that can easily be integrated into a typical middle- or high-school class schedule.	Middle- and high-school students	<u>Required:</u> <i>Heartsaver CPR in Schools</i> If Heartsaver CPR is taught, students should have access to the <i>Heartsaver CPR</i> student manual	<i>Instructor's Manual: Basic Life Support</i> Instructor's Package: <i>Heartsaver CPR in Schools</i> with required videos	Course completion card (modular), if written exam is taken and skills tested.	Optional, if no card is issued. Required for course completion card.

Community Course

Course	Course Description	Audience	Student Materials	Instructor Materials	Card Type	Written/Skills Examination
CPR for Family and Friends <i>Course length</i> <i>All ages:</i> 4½ hours <i>Adult:</i> 2 hours <i>Infant and child (birth to 8 years):</i> 2½ hours	CPR for Family and Friends is a CPR awareness program that teaches skills in CPR and relief of choking in the responsive victim. The course presents information about the AHA adult Chain of Survival and signs of heart attack, cardiac arrest, stroke, and choking in adults; information on the AHA pediatric Chain of Survival, signs of choking in infants and children, prevention of the most common fatal pediatric injuries, and reduction in the risk of sudden infant death syndrome.	Schoolchildren and family members of patients at risk for sudden cardiac death, and those who want to learn rescue skills for loved ones	<u>Required:</u> <i>CPR for Family and Friends</i> booklet	<i>Instructor's Manual: Basic Life Support</i> <i>CPR for Family and Friends</i> videos	Course participation card (in book)	No written or skills testing required.

AED indicates automated external defibrillator; EMTs, emergency medical technicians; VF/VT, ventricular fibrillation/ventricular tachycardia; PEA, pulseless electrical activity; and OSHA, Occupational Safety and Health Administration.