

# EMERGENCY MEDICAL CERTIFICATION

The Emergency Medical Certificate discipline is a repository of vital training programs such as American Heart Association (AHA) Heart Saver, Basic Life Support (BLS), Advanced Cardiovascular Life Support (ACLS), Pediatric Advanced Life Support (PALS), and Prehospital Trauma Life Support (PHTLS). Tailored for healthcare professionals, first responders, and individuals committed to effective emergency response, this discipline provides learners the opportunity to develop a comprehensive lifesaving skill set. Participants, including those who are not first responders, will gain proficiency in CPR, first aid, advanced cardiac and pediatric life support, and trauma care. The discipline ensures learners gain a practical understanding of life-saving techniques for everyday scenarios, empowering participants to respond confidently in emergencies. Upon successful completion of each VVC EMC training program, individuals receive American Heart Association certification valid for 2 years.

## Emergency Medical Certification Courses

### **EMC 040A Heartsaver First Aid, Cpr, Aed (lecture) (0.0 Units)**

This is PART one (1) of a two (2) part series. The American Heart Association's Heartsaver courses are designed for anyone with little or no medical training who needs first aid and/or CPR training and a course completion card for job, regulatory (e.g., OSHA), or other requirements. Heartsaver courses can also be taken by anyone who wants to be prepared to act in an emergency. Heartsaver First Aid CPR AED provides students with the highest quality training in the lifesaving skills of first aid, CPR, and the use of an AED. This course empowers students to act with confidence in the event of an emergency at work, at home, or in the community. Heartsaver® First Aid CPR AED Online course is taught in a blended learning format. Students must complete the online portion, followed by the hands-on skills session conducted by an American Heart Association Training Center Instructor. Students who successfully complete the online course and skills session will receive a Heartsaver First Aid CPR AED Course Completion card, valid for two years.

Lecture Hours: 4.5

Transfer: Not transferable

### **EMC 040B Heartsaver FirstAid, CPR, AED (HandsOn) (0.0 Units)**

This is part two of a two-course series. The AHA's Heartsaver courses are designed for anyone with little or no medical training who needs first aid and/or CPR training and a course completion card for job, regulatory (e.g., OSHA), or other requirements. Heartsaver courses can also be taken by anyone who wants to be prepared to act in an emergency. Heartsaver First Aid CPR AED provides students the highest quality training in the lifesaving skills of first aid, CPR, and use of an AED. This course empowers students to act with confidence in the event of an emergency at work, home, or in the community. Heartsaver® First Aid CPR AED Online course is taught in a blended learning format. Students must complete the online portion, followed by this hands-on skills session conducted by an American Heart Association Training Center Instructor. Students who successfully complete the online course and skills session will receive a Heartsaver First Aid CPR AED Course Completion card, valid for two years.

Lab Hours: 4.5

Transfer: Not transferable

### **EMC 041A Basic Life Support Provider BLS (LEC) (0.0 Units)**

This is part two of a two-course series. The AHA's Heartsaver courses are designed for anyone with little or no medical training who needs first aid and/or CPR training and a course completion card for job, regulatory (e.g., OSHA), or other requirements. Heartsaver courses can also be taken by anyone who wants to be prepared to act in an emergency. Heartsaver First Aid CPR AED provides students the highest quality training in the lifesaving skills of first aid, CPR, and use of an AED. This course empowers students to act with confidence in the event of an emergency at work, home, or in the community. Heartsaver® First Aid CPR AED Online course is taught in a blended learning format. Students must complete the online portion, followed by this hands-on skills session conducted by an American Heart Association Training Center Instructor. Students who successfully complete the online course and skills session will receive a Heartsaver First Aid CPR AED Course Completion card, valid for two years.

Lecture Hours: 2.8

Transfer: Not transferable

### **EMC 041B Basic Life Support Provider BLS (Hands) (0.0 Units)**

This is PART two (2) of a two (2) part series. This course is designed for healthcare professionals and other personnel who need to know how to perform CPR and other basic cardiovascular life support skills in a wide variety of in hospital and pre-hospital settings. HeartCode BLS is the AHA's blended learning delivery method for the BLS Course. HeartCode blended learning delivers quality resuscitation education regardless of where providers are located and gives them more control to complete the course at their own pace. Providers first complete the online portion of HeartCode BLS and then complete a hands-on skills session with an AHA BLS Instructor or on a simulation station. Access to the BLS Provider Manual eBook (20-3102) is included with HeartCode BLS. You will be able to access the Provider Manual from within the course. The 2020 Guidelines HeartCode uses a personalized adaptive algorithm that sets students on the most efficient path to mastery. Students follow a continuously adapting learning path that is personalized by their own inputs: their performance, and their self-reported confidence level related to each probing question. The course content is presented in the form of self-directed learning content, probing questions, and Cognitive Assessment Activities (CAAs).

Lab Hours: 4.5

Transfer: Not transferable

### **EMC 042A Advanced Cardiac Life Support Acls (Iec) (0.0 Units)**

This is part one of a two-course series. HeartCode ACLS is the AHA's blended learning delivery method for the AHA's ACLS Course. HeartCode blended learning delivers quality resuscitation education regardless of where providers are located and gives them more control to complete the course at their own pace. Providers first complete the online portion of HeartCode ACLS and then complete a hands-on skills session with an AHA ACLS Instructor or a HeartCode compatible manikin. The course content is presented in the form of self-directed learning content, probing questions, and Cognitive Assessment Activities (CAAs). This course is designed for healthcare professionals who direct or manage cardiopulmonary arrest or other cardiovascular emergencies; personnel in emergency response, emergency medicine, intensive care, and critical care units; physicians, nurses, and paramedics; and others who need an ACLS course completion card for work or other requirements.

Lecture Hours: 6.2

Transfer: Not transferable

**EMC 042B Advanced Cardiac LifeSupport ACLS (LEC) (0.0 Units)**

This is part one of a two-course series. HeartCode ACLS is the AHA's blended learning delivery method for the AHA's ACLS Course. HeartCode blended learning delivers quality resuscitation education regardless of where providers are located and gives them more control to complete the course at their own pace. Providers first complete the online portion of HeartCode ACLS and then complete a hands-on skills session with an AHA ACLS Instructor or a HeartCode compatible manikin. The course content is presented in the form of self-directed learning content, probing questions, and Cognitive Assessment Activities (CAAs). This course is designed for healthcare professionals who direct or manage cardiopulmonary arrest or other cardiovascular emergencies; personnel in emergency response, emergency medicine, intensive care, and critical care units; physicians, nurses, and paramedics; and others who need an ACLS course completion card for work or other requirements.

Lecture Hours: 6.2

Transfer: Not transferable

**EMC 043A Pediatric Advc Life Sppt Pals (lecture) (0.0 Units)**

This is part one of a two-course series. HeartCode ACLS is the AHA's blended learning delivery method for the AHA's ACLS Course. HeartCode blended learning delivers quality resuscitation education regardless of where providers are located and gives them more control to complete the course at their own pace. Providers first complete the online portion of HeartCode ACLS and then complete a hands-on skills session with an AHA ACLS Instructor or a HeartCode compatible manikin. The course content is presented in the form of self-directed learning content, probing questions, and Cognitive Assessment Activities (CAAs). This course is designed for healthcare professionals who direct or manage cardiopulmonary arrest or other cardiovascular emergencies; personnel in emergency response, emergency medicine, intensive care, and critical care units; physicians, nurses, and paramedics; and others who need an ACLS course completion card for work or other requirements.

Lecture Hours: 6.2

Transfer: Not transferable

**EMC 043B PEDO Advanced Life Support PALS (HANDS) (0.0 Units)**

This is PART two (2) of a two (2) part series. HeartCode PALS is the AHA's blended learning delivery method for the AHA's PALS Course. HeartCode blended learning delivers quality resuscitation education regardless of where providers are located and gives them more control to complete the course at their own pace. Providers first complete the online portion of HeartCode PALS and then complete a hands-on skills session with an AHA PALS Instructor or a HeartCode compatible manikin. Access to the PALS Provider Manual eBook (20-3120) is included with HeartCode PALS. You will be able to access the Provider Manual from within the course. The 2020 Guidelines HeartCode uses a personalized adaptive algorithm that sets students on the most efficient path to mastery. Students follow a continuously adapting learning path that is personalized by their own inputs: their performance, and their self-reported confidence level related to each probing question. The course content is presented in the form of self-directed learning content, probing questions, and Cognitive Assessment Activities (CAAs). The PALS Course is for healthcare providers who either direct or participate in the management of respiratory and/or cardiovascular emergencies and cardiopulmonary arrest in pediatric patients. This includes 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.

Lab Hours: 9.0

Transfer: Not transferable

**EMC 044A Stop the Bleed (lecture) (0.0 Units)**

This is part one of two. The Bleeding Control Basic (BCon) Course v. 1.0 is designed for individuals who have little or no medical training but who may be called upon as immediate responders to provide initial trauma care and bleeding control to a victim of traumatic injury prior to the arrival of emergency medical services (EMS) or in an austere environment.

Lecture Hours: 1.1

Transfer: Not transferable

**EMC 044B Stop the Bleed (hands-On) (0.0 Units)**

This is Part two (2) of two (2). The Bleeding Control Basic (BCon) Course v. 1.0 is designed for individuals who have little or no medical training but who may be called upon as immediate responders to provide initial trauma care and bleeding control to a victim of traumatic injury prior to the arrival of emergency medical services (EMS) or in an austere environment.

Lab Hours: 1.1

Transfer: Not transferable

**EMC 045A Prehospital Trauma Life Support Phtls L (0.0 Units)**

This is Part one (1) of two (2) NAEMT's Prehospital Trauma Life Support (PHTLS) is recognized around the world as the leading continuing education program for prehospital emergency trauma care. The mission of PHTLS is to promote excellence in trauma patient management by all providers involved in the delivery of prehospital care. PHTLS was developed by NAEMT in cooperation with the American College of Surgeons' Committee on Trauma. The Committee provides the medical direction and content oversight for the PHTLS program. PHTLS courses improve the quality of trauma care and decrease mortality. The program is based on a philosophy stressing the treatment of the multi-system trauma patient as a unique entity with specific needs. PHTLS promotes critical thinking as the foundation for providing quality care. It is based on the belief that, given a good fund of knowledge and key principles, EMS practitioners are capable of making reasoned decisions regarding patient care.

Lecture Hours: 9.0

Transfer: Not transferable

**EMC 045B PreHospital Trauma Life Support (PHTLS) (0.0 Units)**

This is Part two of a two course series. NAEMT's Prehospital Trauma Life Support (PHTLS) is recognized around the world as the leading continuing education program for prehospital emergency trauma care. The mission of PHTLS is to promote excellence in trauma patient management by all providers involved in the delivery of prehospital care. PHTLS is developed by NAEMT in cooperation with the American College of Surgeons' Committee on Trauma. The Committee provides the medical direction and content oversight for the PHTLS program. PHTLS courses improve the quality of trauma care and decrease mortality. The program is based on a philosophy stressing the treatment of the multi-system trauma patient as a unique entity with specific needs. PHTLS promotes critical thinking as the foundation for providing quality care. It is based on the belief that, given a good fund of knowledge and key principles, EMS practitioners are capable of making reasoned decisions regarding patient care. The course utilizes the internationally recognized PHTLS textbook.

Lab Hours: 9.0

Transfer: Not transferable