



# ELLIS & ASSOCIATES

International Aquatic Safety & Risk Management Consultants

## Course Syllabus

### Course Name:

Health Care Provider Basic Life Support

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### Course Description:

This is a course for professional students desiring national CPR/AED certification at the level of “Health Care Provider Basic Life Support (HCP-BLS).” The course is a comprehensive educational program promoting objective driven and performance based training for health care professionals that includes physicians, nurses, PAs, EMTs, paramedics, lifeguards, athletic trainers, ski patrollers, and others designated at the “first responder” level. These professionals are required by regulatory entities to achieve and maintain certification through a HCP-BLS curriculum. This course is a single, integrated curriculum that includes training in adult and pediatric CPR, multiple-rescuer CPR, automated external defibrillation (AED), airway obstruction, heart attack/stroke prevention and emergency treatment, as well as special cardiac-related situations that health care providers deal with as a part of their jobs. This hands-on course covers medical content defined by the International Liaison Committee on Resuscitation (ILCOR), and promulgated through the publication of the “CPR and ECC Guidelines 2015” by the American Heart Association. Students receive the most current content through a variety of educational methods, and must practice the required lifesaving skills on manikins and through simulations, drills and exercises.

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### Prerequisites:

Participants must be training to become health care professionals, in which this course is required, or be recertifying to maintain state / national licensing requirements as they pertain to CPR training.

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### Outcomes:

Students will be able to:

- Provide examples of professions that include health care providers.
- Describe legal and ethical concerns that apply to health care providers rendering care.
- Identify diseases that pose a risk of transmission to health care providers and precautions to minimize disease transmission.
- Describe types of cardiovascular disease.
- Identify and describe the links in the Chain of Survival, and the roles of the health care providers within each link.
- Describe the components and function of the respiratory system.
- Identify causes of respiratory emergencies.
- Describe how to assess a person experiencing respiratory distress.
- Describe how to care for a person experiencing respiratory distress.
- Demonstrate how to provide rescue breathing for an adult, child, and infant in respiratory arrest.
- Demonstrate how to care for an airway obstruction in a conscious or unconscious adult, child, and infant.
- Describe the components and function of the circulatory system.
- Identify the risk factors of cardiovascular disease.
- Describe how to assess a person experiencing a heart attack.
- Describe how to care for a person experiencing a heart attack.
- Describe how to assess a person experiencing a stroke.
- Describe how to care for a person experiencing a stroke.
- Demonstrate how to provide cardiopulmonary resuscitation (CPR) for an adult, child, and infant in cardiac

arrest.

- Explain the electrical conduction system of the heart.
- Explain the two abnormal heart rhythms that the AED can correct.
- Identify the elements common to all AEDs.
- Describe how an AED works to help a person in cardiac arrest.
- Describe special considerations when using an AED.
- Describe how to maintain an AED in proper working condition.
- Demonstrate how to use an AED for an adult, child, and infant in cardiac arrest.
- Describe the process of drowning and how to provide resuscitative care for drowning victims.
- Describe the process of hypothermia and how to provide resuscitative care for victims of hypothermia.
- Describe how to provide resuscitative care for victims of trauma, electrocution, opioid overdose, and those in late-stage pregnancy.

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### **Evaluation:**

All students must attend, participate in, and successfully complete all course skills and the final comprehensive cognitive assessment with a score of 80% or higher.

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### **Time Standard:**

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### **CEU Record & Units:**

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Jeff Ellis & Associates, Inc.  
Business Office: P.O. Box 2160, Windermere, FL 34786-2160  
Phone: 800-742-8720 Fax: 800-903-0097 Email: [education@jellis.com](mailto:education@jellis.com)

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