

## MC.016—AHA Courses

### **Scientific Merit for Achievement:**

The cadaveric specimens provide an opportunity for learners to have hands-on practice and testing with human anatomy. The learners may receive training via three or more ways such as simulation, live animal and NAM. Each of these training modalities provides a different perspective to the overall procedure. Overall, the NAM portion of the training is pivotal for the completeness of the learning process.

### **Goal**

To optimize the likelihood that a cardiac arrest victim regardless of age will receive the highest-quality evidence-based care.

### **Objective:**

- Students will demonstrate proper procedures based on the AHA principals for the care of critically ill and arrest patient
  - Students will recognize, assess, treat, and manage a wide range of medical conditions based on the teaching of evidence-based practice utilizing AHA scenarios and teaching methodology
  - The students will demonstrate an increase in the knowledge and procedures involved in the care of the critical ill and arrest patient
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### **Methodology to Achieve Objective:**

#### **AHA online course check off**

All online course requires the student to complete the didactic portion of the course at [www.onlineaha.org](http://www.onlineaha.org) and bring a copy of the certificate of completion of part one. They are then required to complete part two of the course, which involves hand on instruction, and return demonstration. More advanced course may involve participation in a scenario involving high fidelity simulations.

#### **AHA instructor led courses**

##### **Heartsaver**

AHA's Heartsaver course is designed to prepare students to provide first aid, CPR, and use an AED in a safe, timely, and effective manner. Heartsaver Instructor-led courses include group interaction and hands-on coaching and feedback from an AHA Instructor. They are classroom-based courses and video based.

##### **BLS for healthcare providers**

The AHA's BLS Course provides the foundation for saving lives from cardiac arrest. It teaches both single-rescuer and team basic life support skills for application in both pre-hospital and in-facility environments, with a focus on high-quality CPR and team dynamics.

##### **ACLS**

Medical professionals who respond to cardiovascular emergencies in and out of the hospital enhance their treatment knowledge and skills through the AHA's ACLS training courses. The ACLS

class offering highlight the importance of team dynamics and communication, systems of care and immediate post-cardiac arrest care. They also cover airway management and related pharmacology. The course includes video education, simulated scenarios based on the healthcare providers environment.

### **PALS**

AHA's PALS course offerings are for healthcare providers who respond to emergencies in infants and children. The goal of the AHA's PALS courses is to improve the quality of care provided to seriously ill or injured children, resulting in improved outcomes. The PALS class, just like the ACLS class, offering highlight the importance of team dynamics and communication, systems of care and immediate post-cardiac arrest care. They also cover airway management and related pharmacology. The course includes video education, simulated scenarios based on the healthcare providers environment.

### **PEARS**

PEARS® helps healthcare providers develop the knowledge and skills needed for emergency evaluation and treatment of seriously ill infants and children.

PEARS teaches providers how to recognize respiratory distress, shock and cardiac arrest, and provide appropriate lifesaving interventions within the initial minutes of response until the child is transferred to an advanced life support provider. The goal of PEARs is to improve the quality of care provided to seriously ill or injured infants and children, resulting in improved outcomes.

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### **Equipment, Supplies, and/or Instrumentation Potentially Required for Methodology:**

All equipment needed for these courses can be found in the instructor's manual. The instructor needs to be affiliated with a training center to teach the course. The MERI is a training facility and does not train instructors.

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### **Qualified Learners/Participants:**

These individuals shall include board certified physicians, resident physicians, physician assistants, nurses, and other medical and non-medical learners/participants. Typically, the students are of the same specialties and of the same position in the medical/surgical field, field of study or the medical device industry.

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### **Sponsors Approved in Utilization of Curriculum:**

- Category "A"-Sponsors shall mean medical device companies, professional societies, and federal, state or local government agencies.
  - Category "B"-Independent board-certified physicians, healthcare professionals and others shall be subject to MERI's Sponsor Application process.
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**Faculty Approved for Instruction of Curriculum:**

1) Client Sponsored Event:

Credentials review of Sponsor's faculty and other teaching specialists is exempt from MERI'S Academic Review Board review. However, MERI expects that normally maintained faculty, teaching specialists, and Sponsor representatives are educated and trained in the content outlined in the curriculum and have other demonstrated competencies within the specific discipline or field of study to instruct learners so they maintain and improve the quality of medical care by enhancing professional skills. A fully executed "Sponsor Agreement" between MERI and outside organizations shall serve as assurance of faculty competency.

2) MERI Sponsored Event

a) None at this time.

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**Sponsors Approved in Utilization of Curriculum:**

Baptist College of Health Sciences  
Baptist Memorial Healthcare Corporation  
City of Bartlett EMS / FD  
City of Collierville EMS / FD  
City of Germantown EMS / FD  
City of Memphis Paramedics  
Jackson Madison Regional Hospital

Memphis City EMS/Paramedics  
Methodist LeBonheur Healthcare  
The Regional Medical Center  
St. Francis Hospital, Memphis  
Shelby County EMS  
Southwest Tennessee Community College  
University of Memphis  
University of Tennessee  
Union University  
The VA Hospital  
Other healthcare provider and/or education facilities, such as hospitals, clinics, universities, etc.