

# LIFE SUPPORT CLASSES

## 2010 REGISTRATION FORM

\_\_\_\_\_  
Name

\_\_\_\_\_  
Address

\_\_\_\_\_  
City State ZIP Code

\_\_\_\_\_  
Day Phone Evening Phone

In the spaces provided, please indicate the classes (and corresponding dates) you wish to attend.

CLASS	FEE	DATE
ACLS		
ACLS RENEWAL		
BLS		
ECG		
PALS		
PALS RENEWAL		
TNCC		

Fee enclosed: \$ \_\_\_\_\_

Make check payable to: **Mercy Iowa City**

Send registration to: Mercy On Call  
Mercy Iowa City  
500 East Market Street  
Iowa City, IA 52245

### Cancellation Policy

If registration is cancelled prior to the class, registration fee less a \$5 handling charge will be refunded. If the program is cancelled by Mercy, full amount will be refunded.

For more information, contact  
**Mercy On Call at 358-2767**  
or **1-800-358-2767**

Visit Mercy on the web at [www.mercyiowacity.org](http://www.mercyiowacity.org)

# Basic Life Support (BLS)

## Objectives

On completion of this program, the participant will be able to:

- Recognize respiratory and cardiac arrest in the adult and perform cardiopulmonary resuscitation (CPR) as a single rescuer or as a two-person team
- Recognize respiratory and cardiac arrest in the infant and child and perform CPR
- Manage an obstructed airway in an infant, child, and adult
- Demonstrate safe use of an automated external defibrillator (AED)
- Demonstrate use of a bag-valve mask with and without supplemental oxygen
- Pass written test with minimum score of 84%

## Credit

4 Contact hours-Nursing

## 2010 BLS Provider Course Dates

Tuesday, January 5, 12-4 p.m. and  
Wednesday, January 6, 3:30-6:30 p.m.

Saturday, March 6, 8 a.m.-noon and  
Monday, March 8, 3:30-6:30 p.m.

Wednesday, May 19, 5:30-9:30 p.m. and  
Thursday, May 20 3:30-6:30 p.m.

Monday, September 13, 5:30-9:30 p.m. and  
Tuesday, September 14, 3:30-6:30 p.m.

Saturday, November 6, 8 a.m.-noon and  
Monday, November 8, 3:30-6:30 p.m.

## BLS Fee

\$35 Non-employees  
\$25 Mercy affiliates and employee family members  
Mercy employees and volunteers call Mercy On Call; 358-2767 or 1-800-358-2767.

**Note: For BLS renewal sessions, call Mercy Education at 319-339-3670.**

# Basic ECG Interpretation

## Objectives

On completion of this program, the participant will be able to:

- Explain the normal gross anatomy and physiology of the cardiovascular system
- Relate the heart's electrical activity with the formation of the ECG complex
- Describe the cardiac cycle
- Identify normal measurement values for the ECG complex
- Identify sinus rhythm and various dysrhythmias including: atrial, junctional, and ventricular
- Differentiate the varying degrees of atrio-ventricular blocks
- Identify general intraventricular conduction delays and ECG interventions
- Identify cardiovascular medications and their indications for use in ACLS

## Credit

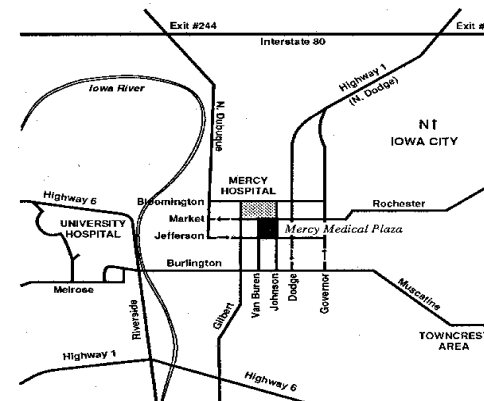
7.8 Contact hours - Nursing

## 2010 ECG Course Dates

Tuesday, April 20, 8 a.m.-4 p.m.  
Tuesday, October 5, 8 a.m.-4 p.m.

## ECG Fee

\$50 (includes course materials); Mercy employees and affiliates call Mercy On Call; 358-2767 or 1-800-358-2767.  
Class size limited to 12.



# Advanced Cardiac Life Support (ACLS)

## Objectives

On completion of this program, the participant will be able to:

- Recognize and initiate early management of peri-arrest conditions that may result in cardiac arrest or complicate resuscitation outcome
- Demonstrate proficiency in providing BLS care, including prioritizing chest compressions and integrating AED use
- Manage cardiac arrest until return of spontaneous circulation (ROSC), termination of resuscitation, or transfer of care
- Identify and treat ischemic chest pain and expedite the care of patients with acute coronary syndromes
- Recognize other life-threatening clinical situations, such as stroke, and provide effective initial care and transfer to reduce disability and death
- Demonstrate effective communication as a member or leader of a resuscitation team and recognize the impact of team dynamics on overall team performance

## Credit

**Provider course:** 10 Contact hours-Nursing  
10 Contact hours-CME  
**Renewal course:** 4 Contact hours-Nursing  
4 Contact hours-CME

## Course Prerequisites:

Basic ECG interpretation or comparable experience, current BLS validation, and completion of self-assessment prior to the start of class.

## 2010 ACLS Provider Course Dates

Wednesday, April 28, 7:30 a.m.-3 p.m. and  
Thursday, April 29, 8-11 a.m.

Wednesday, October 13, 7:30 a.m.-3 p.m. and  
Thursday, October 14, 8-11 a.m.

## Renewal Dates

Wednesday, March 10, 7:30-11:30 a.m.  
Wednesday June 2, 12:30-4:30 p.m.  
Wednesday, September 29, 7:30-11:30 a.m.

## ACLS Fee

\$150 (includes ACLS provider manual); \$75 students; \$75 Renewal fee; \$75 affiliates, \$30 ACLS provider manual (optional) Mercy employees, affiliates and physicians call Mercy On Call; 358-2767 or 1-800-358-2767.

## Pediatric Life Support (PALS)

### Objectives

On completion of this program, the participant will be able to:

- Understand and perform the systematic approach to pediatric assessment of a seriously ill or injured child, including the general, primary, secondary, and tertiary assessments
- Use the “assess-categorize-decide-act” approach to management of a seriously ill infant or child
- Recognize and manage a child in respiratory distress or failure and/or compensated or hypotensive shock
- Recognize and manage a child with a life-threatening bradyarrhythmia, tachyarrhythmia, or cardiac arrest rhythm
- Describe key elements of resuscitation team behaviors and explain why the foundation of successful resuscitation includes both mastery of basic skills and effective team dynamics

### Credit

**Provider course:** 12 Contact hours-Nursing  
12 Contact hours-CME

**Renewal course:** 2 Contact hours-Nursing  
2 Contact hours-CME

### Course Prerequisites:

Current BLS validation and completion of pre-test prior to start of class

### 2010 PALS Provider Course Dates

Wednesday, April 7, 8 a.m.-4 p.m. and  
Thursday, April 8, 8 a.m.-noon.

Wednesday, October 6, 8 a.m.-4:00 p.m. and  
Thursday, October 7, 8 a.m.-12 p.m.

### Renewal Dates

Thursday, April 8, 12:30-4:30 p.m.  
Thursday, October 7, 12:30-4:30 p.m.

### PALS Fee

\$150 full course (includes provider manual)  
\$75 renewal fee; \$75 affiliates; \$35 PALS provider manual (optional) Mercy employees, affiliates and physicians call Mercy On Call; 358-2767 or 1-800-358-2767

## Trauma Nursing Core Course (TNCC)

### Objectives

- Identify common mechanisms associated with trauma
- Describe pathophysiologic changes as a basis for signs and symptoms
- Describe the nursing assessments for patients with trauma
- Describe the appropriate interventions for patients with trauma
- Describe mechanisms for evaluating effectiveness of nursing interventions for patients with trauma

### Credit

15 Contact hours- Nursing

### 2010 TNCC Provider Course Dates

Thursday, May 13, 7:15 a.m.-5:30 p.m. *and*  
Friday, May 14, 7:15 a.m.-5:30 p.m.

Thursday, November 4, 7:15 a.m.-5:30 p.m. *and*  
Friday, November 5, 7:15 a.m.-5:30 p.m.

### TNCC Fee

\$200 full course (includes provider manual); \$50 TNCC provider manual (optional) Mercy employees call Mercy On Call; 358-2767 or 1-8008-358-2767

### Faculty

All courses are led by qualified life support instructors.

### Credit

Mercy Iowa City grants listed nursing continuing education credit for full attendance. No partial credit will be awarded. IBN #87.

Mercy Iowa City is accredited by the Iowa Medical Society to sponsor continuing medical education for physicians. Mercy Iowa City designates these educational activities per the listed AMA PRA Category 1 Credit™. Physicians should only claim credit commensurate with the extent of their participation in the activity.



### Class Location

All sessions are held at Mercy Iowa City, in the education classrooms on level one.

Nonprofit  
U.S. Postage  
**PAID**  
Mercy Iowa City



500 East Market Street  
Iowa City, Iowa 52245

ADDRESS SERVICE REQUESTED

Life Support Classes 2010

*Mercy Iowa City*

# LIFE SUPPORT CLASSES 2010

*Mercy Iowa City offers health care professionals the opportunity to learn life support skills from basic to advanced levels.*



*Exceptional Medicine.  
Extraordinary Care.*