# Basic Electrocardiography (ECG)

October 2019 - April 2020

## Program Fee

**CentraCare & Carris Employees:**

Class is required for your current position: $0

Class is not required for your current position: $75/class

**Others: $75/class**

## Dates

| | |
|---|---|
| October 17, 2019 (Day 1) | South Point/Pelican Classroom |
| October 18, 2019 (Day 2) | South Point/Pelican Classroom |
| November 6, 2019 (Day 1) | Health Plaza/Hughes Mathews |
| November 7, 2019 (Day 2) | Health Plaza/Hughes Mathews |
| November 14, 2019 (Day 1) | South Point/Pelican Classroom |
| November 15, 2019 (Day 2) | South Point/Pelican Classroom |
| November 21, 2019 (Day 1) | South Point/Pelican Classroom |
| November 22, 2019 (Day 2) | South Point/Pelican Classroom |
| December 5, 2019 (Day 1) | South Point/Pelican Classroom |
| December 6, 2019 (Day 2) | South Point/Pelican Classroom |
| December 12, 2019 (Day 1) | CC Paynesville/Blakely Room |
| December 13, 2019 (Day 2) | CC Paynesville/Blakely Room |
| December 19, 2019 (Day 1) | South Point/Pelican Classroom |
| December 20, 2019 (Day 2) | South Point/Pelican Classroom |
| January 9, 2020 (Day 1) | South Point/Pelican Classroom |
| January 10, 2020 (Day 2) | South Point/Pelican Classroom |
| January 23, 2020 (Day 1) | South Point/Pelican Classroom |
| January 24, 2020 (Day 2) | South Point/Pelican Classroom |
| February 5, 2020 (Day 1) | Health Plaza/Kremers Room |
| February 6, 2020 (Day 2) | Health Plaza/Kremers Room |
| February 13, 2020 (Day 1) | CC Monticello/Hosp. Board Room |
| February 14, 2020 (Day 2) | CC Monticello/Hosp. Board Room |
| February 20, 2020 (Day 1) | South Point/Pelican Classroom |
| February 21, 2020 (Day 2) | South Point/Pelican Classroom |
| March 4, 2020 (Day 1) | CC Melrose/Little Birch Room |
| March 5, 2020 (Day 2) | CC Melrose/Little Birch Room |
| March 19, 2020 (Day 1) | South Point/Pelican Classroom |
| March 20, 2020 (Day 2) | South Point/Pelican Classroom |
| April 2, 2020 (Day 1) | South Point/Pelican Classroom |
| April 3, 2020 (Day 2) | South Point/Pelican Classroom |
| April 16, 2020 (Day 1) | South Point/Pelican Classroom |
| April 17, 2020 (Day 2) | South Point/Pelican Classroom |
| April 29, 2020 (Day 1) | Health Plaza/Kremers Room |
| April 30, 2020 (Day 2) | Health Plaza/Kremers Room |

## Purpose

The Basic ECG course provides essential content for health care professionals practicing in a monitored setting. Material presented is based on the core curriculum published by the American Association of Critical Care Nurses (AACN) and includes anatomy, physiology, pathology, and nursing and medical interventions for Basic ECG interpretation.

## Registration

**CentraCare Employees - On CentraNet**

Select *Learning Center*

Select *Online Education Registration Center*

Select *Course Catalog Search*

In the field "*Search for*" enter **BASICECG**

**OR**

Email CentraCare Education Department

cch.education@centracare.com

**OR**

Call the CentraCare Education Department

(320) 255-5642

## Learning Outcome

Participants will self-report a better understanding of rhythm interpretation after attending these educational activities.

## Target Audience

The classes are intended for health care professionals who need the theoretical information to support their clinical practice, or desire increased knowledge to enhance current clinical practice.

## Day 1 (8 a.m. - 12 p.m.)

- Discuss the components of the heart's conduction system.
- Demonstrate a systematic approach to rhythm analysis.
- Identify Sinus Rhythms, Atrial Fibrillations, Atrial Flutter, Supraventricular Tachycardia, Ventricular Tachycardia, Ventricular Fibrillation, Asystole, and Paced Rhythms.
- Recognize when electrical intervention versus medication therapy is utilized and why.
- Determine what actions to take when a patient experiences a rhythm change, based on the rhythm.
- Define the terms: depolarization, repolarization, lead, electrode, ectopy, pacemaker, electrocardiogram, capture, and sensing.
- Explain the correlation between the electrical (P, QRS, T) and the mechanical events of the heart.
- State basic understanding of pacemaker/ICD function.

## Contact Hour Information

Participants earn 3.83 contact hours.

St. Cloud Hospital/CentraCare Health is an approved provider of continuing nursing education by the Wisconsin Nurses Association, an accredited approver by the American Nurses Credentialing Center's Commission on Accreditation.

## Day 2 (8 a.m. - 4 p.m.)

***Pre-requisite: Day 1***

- Identify junctional, Atrioventricular blocks, and ventricular rhythms (e.g. Torsades de Pointes, Idioventricular, etc.).
- Recognize when electrical intervention versus medication therapy is utilized and why.
- Determine what actions to take when a patient experiences a rhythm change, based on the rhythm.
- Discuss correct lead placement and selection.

## Contact Hour Information

Participants earn 7 contact hours.

St. Cloud Hospital/CentraCare Health is an approved provider of continuing nursing education by the Wisconsin Nurses Association, an accredited approver by the American Nurses Credentialing Center's Commission on Accreditation.

*It is the personal responsibility of each participant to determine whether this activity meets the requirements for acceptable continuing education by their licensing organization.*

*To earn contact hours, participant must attend entire session and complete an online evaluation form.*

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*Updated 10/04/19*