

# Basic Electrocardiography (ECG)

October 2021 - December 2021

## 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 21, 2021 (Day 1)	South Point/Pelican Classroom
October 22, 2021 (Day 2)	South Point/Pelican Classroom
November 4, 2021 (Day 1)	South Point/Pelican Classroom
November 5, 2021 (Day 2)	South Point/Pelican Classroom
November 11, 2021 (Day 1)	South Point/Pelican Classroom
November 12, 2021 (Day 2)	South Point/Pelican Classroom
November 18, 2021 (Day 1)	South Point/Pelican Classroom
November 19, 2021 (Day 2)	South Point/Pelican Classroom
November 23, 2021 (Day 1)	CentraCare Plaza/Kremers Room
November 24, 2021 (Day 2)	CentraCare Plaza/Kremers Room
December 2, 2021 (Day 1)	South Point/Pelican Classroom
December 3, 2021 (Day 2)	South Point/Pelican Classroom
December 9, 2021 (Day 1)	South Point/Pelican Classroom
December 10, 2021 (Day 2)	South Point/Pelican Classroom
December 21, 2021 (Day 1)	CentraCare Plaza/Kremers Room
December 22, 2021 (Day 2)	CentraCare 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 – CentraNet

- Open *Oracle*
- Select the *Learning* Icon
- Type **Basic ECG** into the “Browse Catalog” search box
- Select the Course Title
- Select *Available Offerings* down arrow
- Select *Enroll* for the class you prefer to attend

OR



Email CentraCare Education Department  
[cch.education@centracare.com](mailto:cch.education@centracare.com)

OR



Call the CentraCare Education Department

## 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.

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*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.*



Updated 12/14/2020