

# Collin College - Continuing Education

## Course Syllabus

**Course Title:** Basic Dysrhythmia Interpretation

**Course Number:** RSPT 1037

**Instructor:** Amber Allen, BA, AAS, RPSGT, RST, CCSH

**Office Hours:** Appointment Only

**Email:** amberallen@collin.edu

**Course Description:** Study of electrophysiology of the heart and characteristics of cardiac dysrhythmias.

**Hours:** 32

**Student Learning Outcomes:** Upon successful completion of this course, students will be able to:

1. Explain the electrophysiology of the heart.
2. Discuss the characteristics of common cardiac dysrhythmias.
3. Differentiate between abnormal and lethal cardiac dysrhythmias.
4. Select and discuss the structures of the heart that produce cardiac dysrhythmias.
5. Identify treatment options and emergency management procedures for various cardiac dysrhythmias.

**Withdrawal Policy:** Please visit the Collin College website or student handbook to review withdrawal and tuition refund policies.

**Collin College Academic Policies:** See the current *Collin Student Handbook*.

**Americans with Disabilities Act:** Collin College will adhere to all applicable federal, state, and local laws, regulations, and guidelines with respect to providing reasonable accommodations as required to afford equal opportunity. It is the student's responsibility to contact the ACCESS office, located in B336 at the McKinney Campus, or 972.881.5898 (V/TTD: 972.881.5950) to arrange for appropriate accommodations. See the current *Collin Student Handbook* for additional information.

**Meeting Location:** Canvas

**Attendance Policy:** Students should expect to spend an average of 6-12 hours weekly to complete basic course requirements. Students must complete all assignments, including exams, as scheduled. Missed assignments result in a grade of zero. Students are expected to monitor Canvas email and announcements several times weekly. If you experience personal computer or email problems, you are expected to find another computer to use. In other words,

personal computer or email problems are no excuse for failing to communicate or submit course work.

**Session Plan – Each class session will consist of lecture and testing activities.**

Week	Quiz	Modules
1	Quiz 1 Quiz 2	Module 1: <input type="checkbox"/> Anatomy and Physiology of the Heart  Module 2: <input type="checkbox"/> ECG: Basic Concepts and Lead Monitoring  Module 3: <input type="checkbox"/> Components of the ECG  Module 4: <input type="checkbox"/> Eight Steps to ECG Interpretation and Analysis
2		Exam 1
3	Quiz 3	Module 5: <input type="checkbox"/> Sinus and Atrial Dysrhythmias  Module 6: <input type="checkbox"/> Junctional Dysrhythmias  Module 7: <input type="checkbox"/> Heart Blocks
4		Exam 2
5	Quiz 4	Module 8: <input type="checkbox"/> Ventricular Dysrhythmias  Module 9: <input type="checkbox"/> “Funny Looking Beats”  Module 10: <input type="checkbox"/> Clinical Significance and Treatment of Dysrhythmias
6		Exam 3
7		Module 11: <input type="checkbox"/> Other Assorted ECG Findings  Review for Comprehensive Final Exam
8		Comprehensive Final Exam

**\*\*\*Please carefully read the grading information below. No exceptions will be made. \*\*\***

**Methods of Evaluation:** Students must achieve a minimum score of 75% in each course section.

**Grading Rubric:**

Item	<b>**Minimum score needed per section**</b>
Quizzes	Average of 75% and Above
Exams	Average of 75% and Above

**Only students meeting the minimum grading rubric requirements are eligible to receive a certificate of completion.**

**Computer Skills Needed:** You should know how to access a website when given an address (URL) or link, use features of your web browser, download files, attach files to emails, and use MS Word processing software.