



EMSP 2444 Cardiology

Course Syllabus: Fall 2026

“Northeast Texas Community College exists to provide personal, dynamic learning experiences empowering students to succeed.”

Instructor: Gary E. Short AAS, LP

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Weekday	Office Hours
Monday	9:00 AM – 5:00 PM
Tuesday	9:00 AM – 5:00 PM
Wednesday	9:00 AM – 5:00 PM
Thursday	9:00 AM – 5:00 PM
Friday	None

This syllabus serves as the documentation for all course policies and requirements, assignments, and instructor/student responsibilities.

Information relative to the delivery of the content contained in this syllabus is subject to change. Should that happen, the student will be notified.

Catalog Course Description (include prerequisites):

4 credit hours.

Lecture/Lab/Clinical: One hour of lecture and Seven of lab each week.

Prerequisite(s): EMSP 1338, EMSP 1356, EMSP 1501,

Co-requisite(s): EMSP 2434

A detailed study of the knowledge and skills necessary to reach competence in the assessment and management of patients with cardiac emergencies.

Student Learning Outcomes:

1. Integrate pathophysiological principles and assessment findings to formulate an impression for a cardiac patient.
2. Interpret EKGs, recognize and treat cardiac dysrhythmias.
3. Implement a treatment plan for the cardiac patient.
4. Identify anatomy, physiology, and electrophysiology components of the cardiovascular system.
5. Identify specific rhythms from ECG data.

Evaluation/Grading Policy:

All EMS courses have a cognitive, psychomotor, and affective grading domain. A passing grade must be achieved in all of those domains in order to pass the course. If all three domains are passed, the letter grade will be assigned based on the performance in all 3 domains. Failure of any domain below the "C" range (as determined by the section) will constitute failure of the course regardless of the grades earned in the other

2 domains. Remember, it takes an actual 75 to pass the course in all sections and domains, or you will fail the entire course. Due dates are firm and work must be completed by that date. If extenuating circumstances exist, they must be made known to the instructor before the due date if possible. If not possible the reason must be made known as soon as possible with an explanation of why prior notice was not provided.

Homework	40%
Quizzes:	40%
Exams	10%
Final Exam:	10%

Required Instructional Materials: *Nancy Caroline's Emergency Care in The Streets*
ISBN 9781284237498 Edition 9
Publisher: AAOS Jones and Bartlett

Optional Instructional Materials:

Articles printed off line Minimum Technology Requirements: A computer and access to a printer.

Required Computer Literacy Skills:

You must be able to use a computer and access the internet.

Communications:

I will answer emails within 24 hours *Reminder: NTCC email is the official form of communication used by the college. If you email me from your personal email, I will send the response to your NTCC email and not copy the personal address.

Institutional/Course Policy: You must attend this course. 5 absences will result in an F. This is not an online course. Please do not treat it as if it is one. Even excused absences will count toward your five. You may rewrite an assignment only if it is turned in on time. Head phones are not allowed. Please use your phones only if asked during instruction. Otherwise they should not be on your table. If asked, please put them away.

Alternate Operations During Campus Closure and/or Alternate Course Delivery Requirements:

In the event of an emergency or announced campus closure due to a natural disaster or pandemic, it may be necessary for Northeast Texas Community College to move to altered operations. During this time, Northeast Texas Community College may opt to continue delivery of instruction through methods that include, but are not limited to, online through the Blackboard Learning Management System, online conferencing, email messaging, and/or an alternate schedule. It is the responsibility of the student to monitor NTCC's website (<http://www.ntcc.edu/>) for instructions about continuing courses remotely, Blackboard for each class for course-specific communication, and NTCC email for important general information.

Additionally, there may be instances where a course may not be able to be continued in the same delivery format as it originates (face-to-face, fully online, live remote, or hybrid). Should this be the case, every effort will be made to continue instruction in an alternative delivery format. Students will be informed of any changes of this nature through email messaging and/or the Blackboard course site.

Statement Regarding the Use of Artificial Intelligence (AI) Technology:

Employees and students shall be permitted to explore artificial intelligence (AI) and implement its use in and out of the classroom in accordance with policy and administrative regulations. The use of AI shall only be as a support

tool to enhance student outcomes or as necessary to engage in research and shall never take the place of faculty, staff, and student decision-making. Any use of AI must comply with law, policy, and administrative regulations relating to student and employee privacy and data security. A student shall only use AI tools with faculty permission and shall be expected to produce original work and properly credit sources, including AI tools used in creating the work.

Example:

APA (7th edition)

OpenAI. (2026). ChatGPT (March 25 version) [Large language model]. <https://chat.openai.com/>

MLA (9th edition)

OpenAI. ChatGPT. 25 Mar. 2026, <https://chat.openai.com/>.

Employees or students who use AI tools to deceptively harm, bully, or harass others shall be disciplined in accordance with policy. [See DH, DIA series, FFD series, FFE, FLB, and the FM series] AI Use by Employees and Students. Northeast Texas Community College 225500 TECHNOLOGY RESOURCES CRB ARTIFICIAL INTELLIGENCE (LOCAL) DATE ISSUED: 12/8/2025 1 of 1 UPDATE 50 CRB(LOCAL)-AJC Adopted: 12/16/2025

NTCC Academic Honesty/Ethics Statement:

NTCC upholds the highest standards of academic integrity. The college expects all students to engage in their academic pursuits in an honest manner that is beyond reproach using their intellect and resources designated as allowable by the course instructor. Students are responsible for addressing questions about allowable resources with the course instructor. Academic dishonesty such as cheating, plagiarism, and collusion is unacceptable and may result in disciplinary action. This course will follow the NTCC Academic Honesty and Academic Ethics policies stated in the Student Handbook. Refer to the student handbook for more information on these subjects.

ADA Statement:

It is the policy of NTCC to provide reasonable accommodation for qualified individuals who are students with disabilities. This College will adhere to all applicable federal, state, and local laws, regulations, and guidelines with respect to providing reasonable accommodation as required to afford equal educational opportunity. It is the student's responsibility to request accommodation. An appointment can be made with the Academic Advisor/Coordinator of Special Populations located in Student Services and can be reached at 903-434-8264. For more information and to obtain a copy of the Request for Accommodations, please refer to the special populations page on the NTCC website.

Family Educational Rights and Privacy Act (FERPA):

The Family Educational Rights and Privacy Act (FERPA) is a federal law that protects the privacy of student education records. The law applies to all schools that receive funds under an applicable program of the U.S. Department of Education. FERPA gives parents certain rights with respect to their children's educational records. These rights transfer to the student when he or she attends a school beyond the high school level. Students to whom the rights have transferred are considered "eligible students." In essence, a parent has no legal right to obtain information concerning the child's college records without the written consent of the student. In compliance with FERPA, information classified as "directory information" may be released to the general public without the written consent of the student unless the student makes a request in writing. Directory information is defined as: the student's name, permanent address and/or local address, telephone listing, dates of attendance, most recent previous education institution attended, other information including major, field of study, degrees, awards received, and participation in officially recognized activities/sports.