



Course Number and Section: EMSP 2444-501C3

Name of Course: Cardiology

Course Semester: Summer 2025

Instructor Information:

Name: Krystal Jones

Email: kjones33@com.edu

Phone: 832-315-9084 (emergencies only)

Office Hours: Monday – Friday 1300 – 1700 by appointment

Course hours, days, and location:

Wednesday & Friday from 0830 – 1730 in PSC 118

Required Textbook/Materials:

Paramedic Care: Principles & Practice, 6th Edition. Bledsoe, Porter, Cherry (2023). Hoboken, NJ: Pearson Education. ISBN – 13: 978-0-13-689502-2

Course Prerequisites & Co-requisites:

1. Must hold current Texas EMT-Basic certification
 - Or proof of current enrollment in an EMT-Basic class
 - Or eligible for the National Registry exam.
2. Students must be 18 before the first day of class – No exceptions.
3. Students must show proof of immunizations
4. Students must be recently certified in BLS Health Care Provider CPR through AHA or HSI
5. Students must pass a criminal background check.

EMSP 2444. CARDIOLOGY

(LECTURE 2, LAB 6). CREDIT 4. WECM.

Assessment and management of patients with cardiac emergencies. Includes single and multi-lead ECG interpretation. At completion, students will integrate pathophysiological principles and assessment findings to formulate an impression; and implement a treatment plan for the cardiac patient. Instructor approval required.

Course Rationale: One of the main focuses of this course is to build critical thinking skills. You are expected to enter this class with the skills and knowledge of a Paramedic. We will build upon this foundation. Lectures, demonstrations, discussions, and class activities reinforce information and concepts. To be a Paramedic, you must also learn to *do* what EMT-Ps do. Instructors will provide an initial demonstration of each skill and guidance during practice. Multiple skills sessions are provided to ensure students' comfort and competency. Students must demonstrate competency in skills during "Skills Testing" sessions. This is an extremely important process.

Notice to Students Regarding Licensing: Effective September 1, 2017, HB 1508 amends the Texas Occupations Code Section 53 that requires education providers to notify potential or enrolled students that a criminal history may make them ineligible for an occupational license upon program completion. The following website provides links to information about the licensing process and requirements:



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<http://www.dshs.state.tx.us/emstraumasystems/qicriminal.shtm?terms=criminal%20background>

Should you wish to request a review of the impact of criminal history on your potential EMT Certification prior to or during your quest for a degree, you can visit this link and request a “EMS Criminal History Pre-Screening”

<http://www.dshs.state.tx.us/emstraumasystems/formsresources.shtm>

This information is being provided to all persons who apply or enroll in the program, with notice of the requirements as described above, regardless of whether the person has been convicted of a criminal offense. Additionally, HB 1508 authorizes licensing agencies to require reimbursements when a student fails to receive the required notice.

Course Student Learning Objectives/Outcomes:

After this unit, the student will be able to:

Student Learner Outcome	Maps to Core Objective	Assessed via this Assignment
1. Students will be able to integrate the pathophysiological principles and assessment findings to formulate a field impression of an emergency medical patient.	Critical Thinking: to include creative thinking, innovation, inquiry, and analysis, evaluation and synthesis of information	Final Exam
2. Students will be able to implement an acceptable treatment plan of a medical patient	Empirical and Quantitative Skills: to include the manipulation and analysis of numerical data or observable facts resulting in informed conclusions.	Final Pt. Assessment Skills Exam
3. Students will demonstrate the proper attitude expected of an AEMT	Personal Responsibility: to include the ability to connect choices, actions and consequences to ethical decision-making	Affective Domain

Specific Tasks Accomplished: Students must gain competency in skills during skills practice and lab sessions.

Course requirements: A “B” is required to pass any advanced EMSP course. For AEMT and Paramedic courses, a “C” is not passing and must be repeated. A student will not be allowed to test out of a course.

Determination of Course Grade/Detailed Grading Formula:

Quizzes	30%	A = 93-100%
Homework	30%	B = 80-92%



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Mid Term: 15% **C = 75-79%**

Final Exam: 15% **D = 65-74%**

Affective: 10%

Affective Grade: All EMS courses have a cognitive, psychomotor, and affective grading domain, and to pass the course, a passing grade must be achieved in all of those domains. If all three domains are passed, the letter grade will be assigned based on the performance in all three 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 two domains. Remember, it takes an actual "80" to pass the course in all sections & domains.

Affective Domain	Exceeds Expectations (A)	Meets Expectations (B)	Minimally Met Expectations (C)	Minimum Expectation Not Met (D)
1. Quality of cognitive components				
2. Course of action in behaviors				
3. Articulation of feelings, values, Ethics, and moral obligations				
4. Congruency with professional ethics and values demonstration				

Attendance Policy: Your attendance and *active class participation* are an integral component of your educational experience and that of your classmates. Because of this, it is critical that you attend all classes and labs. All lecture classes, labs, and clinical rotations require mandatory attendance. Class/Lab attendance is checked daily.

A student is allowed to miss no more than 10% of the total course hours of class/lab time combined. As the program manual outlines, these must be excused absences, and the program director must approve unexcused absences. The student must make up any hours beyond the 10% allowed to be missed. If they cannot make up hours, the instructor or program director can assign additional assignments based on the content covered during the missed time to be completed outside of class time. **Additional absences will result in a review of the student's enrollment status, and they may be dropped from the course.**

Skills Lab Time Missed

When any skills time is missed, the student will do the following to allow continuation in the program. This will not serve as "make-up" time—time missed is time missed.

- Six hours missed (one day) = three hours of skills make-up with a COM adjunct instructor; additional work may be assigned at the instructor or program director's discretion
- Three hours missed (1/2 day) = 1.5 hours of skills make-up with a COM adjunct



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instructor; additional work may be assigned at the instructor's or program director's discretion.

- The completion date of the above requirements is at the discretion of the Lead instructor, but it **MUST** be before the clinical start date.
- Students will start clinical rotations once the requirements are completed.

Communicating with your instructor: ALL electronic communication with the instructor must be through your COM email. Due to FERPA restrictions, faculty cannot share any information about performance in the class through other electronic means. (Faculty may add additional statement requiring monitoring and communication expectations via D2L or other LMS)

Academic Dishonesty: Academic dishonesty will not be tolerated within the College of the Mainland EMS Program. Disciplinary action will include, but is not limited to, recording a "0" for the assignment. Dismissal is likely in incidents of cheating or falsification of clinical documents. *NOTICE: Falsification of any program document is grounds for immediate dismissal and may result in a report of all personnel involved under Texas Administrative Code RULE §157.3*

Student Concerns: If you have any questions or concerns about any aspect of this course, please contact me using the contact information previously provided. If, after discussing your concern with me, you continue to have questions, please contact Sarrissa Ryan/Program Director at 409-933-8256 / sryan4@com.edu. If after your meeting with the Director you still have questions, request a meeting with the Public Service Careers Department Chair through the Director.

Working Students:

While students may be employed in or volunteer in the clinical setting outside of regular instructional hours, they may count time, procedures, and patient contacts toward course completion requirements only if they are functioning in the capacity of a student on a scheduled clinical rotation.

Hospital employees may **never** count on duty activity toward clinical rotations.

Students who work or volunteer for an EMS provider with whom COM EMS Program has a clinical affiliation agreement with their employer **may complete clinical rotations as an additional crew member, functioning in the capacity of a student, and listed on the clinical rotation schedule.** For example, if a service normally runs with a two-member crew, a student may not be the second crew member and count this as a clinical rotation.

A student who knowingly attempts to count on-duty time in the clinical setting toward completion of course requirements will, at a minimum, be required to repeat the clinical rotations. Depending on the circumstances, the student may be dropped from the program.

A student may **never** substitute for clinical or EMS agency personnel. Any procedures beyond the scope of the student's current level of EMS certification must be performed under the direct



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supervision of the preceptor or other authorized personnel from the clinical unit to which the student is assigned.

Course Disruption:

Due to circumstances beyond our control, for example, a pandemic, hurricane, or flooding, classes, labs, and clinical rotations could be converted from face-to-face to remote learning or be disrupted, resulting in an Incomplete for the course that was disrupted or possibly delay in graduation. In that event, when courses can resume, the days and times to make up the content may be different from originally designated. All efforts will be made to provide adequate notice of any changes. Students must attend those adjusted days/times to complete the curriculum requirements.

Course outline: see end of syllabus. A more in-depth schedule will be provided in class.

Institutional Policies and Guidelines

Grade Appeal Process: Concerns about the accuracy of grades should first be discussed with the instructor. A request for a change of grade is a formal request and must be made within six months of the grade assignment. Directions for filing an appeal can be found in the student handbook https://www.com.edu/student-services/docs/Student_Handbook_2024-2025_v2.pdf. *An appeal will not be considered because of general dissatisfaction with a grade, penalty, or outcome of a course. Disagreement with the instructor's professional judgment of the quality of the student's work and performance is also not an admissible basis for a grade appeal.*

Academic Success & Support Services: College of the Mainland is committed to providing students with the necessary support and tools for success in their college careers. Support is offered through our Tutoring Services, Library, Counseling, and through Student Services. Please discuss any concerns with your faculty or an advisor.

ADA Statement: Any student with a documented disability needing academic accommodation is requested to contact:

Kimberly Lachney, Student Accessibility Services Coordinator

Phone: 409-933-8919

Email: AccessibilityServices@com.edu

Location: COM Doyle Family Administration Building, Student Success Center

Textbook Purchasing Statement: A student attending College of the Mainland is not under any obligation to purchase a textbook from the college-affiliated bookstore. The same textbook may also be available from an independent retailer, including an online retailer.

Withdrawal Policy: Students may withdraw from this course for any reason prior to the last eligible day for a "W" grade. Before withdrawing students should speak with the instructor and consult an advisor. Students are permitted to withdraw only six times during their college career



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by state law. The last date to withdraw from the 1st 5-week session is June 30. The last date to withdraw from the 10-week session is July 29. The last date to withdraw for the 2nd 5-week session is August 1.

FN Grading: The FN grade is issued in cases of *failure due to a lack of attendance*, as determined by the instructor. The FN grade may be issued for cases in which the student ceases or fails to attend class, submit assignments, or participate in required capacities, and for which the student has failed to withdraw. The issuing of the FN grade is at the discretion of the instructor. The last date of attendance should be documented for submission of an FN grade.

Early Alert Program: The Student Success Center at College of the Mainland has implemented an Early Alert Program because student success and retention are very important to us. I have been asked to refer students to the program throughout the semester if they are having difficulty completing assignments or have poor attendance. If you are referred to the Early Alert Program you will be contacted by someone in the Student Success Center who will schedule a meeting with you to see what assistance they can offer in order for you to meet your academic goals.

Resources to Help with Stress:

If you are experiencing stress or anxiety about your daily living needs including food, housing or just feel you could benefit from free resources to help you through a difficult time, please click here <https://www.com.edu/community-resource-center/>. College of the Mainland has partnered with free community resources to help you stay on track with your schoolwork, by addressing life issues that get in the way of doing your best in school. All services are private and confidential. You may also contact the Dean of Students office at deanofstudents@com.edu or communityresources@com.edu.

Nondiscrimination Statement:

The College District prohibits discrimination, including harassment, against any individual on the basis of race, color, religion, national origin, age, veteran status, disability, sex, sexual orientation, gender (including gender identity and gender expression), or any other basis prohibited by law. Retaliation against anyone involved in the complaint process is a violation of College District policy.
