



**EMSP 2205 101C3 FA2025**  
**EMS Operations**  
**Course Semester Fall 2025**

**Instructor Information: Sarrissa Ryan**

[Sryan4@com.edu](mailto:Sryan4@com.edu) 682-272-9191

**Course days, hours, and location:** Wednesday and Friday, PSC building, room 119

**Office Hours: Monday 9:00 – 11:30**

**Tuesday 2:00 pm – 4:30 pm**

**Friday 11:00 am – 1:00 pm**

**Course days, hours, and location:**

**Required Textbook/Materials:** Paramedic Care Principles and Practice Vol 1 & Vol 2 + MyLab Brady w Pearson eText ACC for Paramedic Care ISBN-13:9780138210243

1. The EMS Program Student Handbook
2. Class Uniform
3. Watch with a secondhand
4. A device to access the online course material, clinical scheduling skills tracking platform
5. EMCE Account
6. Com.surpath.com account

**Course Prerequisites & Co-requisites:**

**EMSP: 2205 EMS Operations**

**EMSP: 2243 Assessment-Based Management**

**EMSP: 2269 Practicum - Emergency Medical Tech (Paramedic)**

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 2205. EMS OPERATIONS**

**(LECTURE 1, LAB 3). CREDIT 2. WECM.**

Knowledge and skills to safely manage incidents and rescue situations; utilize air medical resources; identify hazardous materials and other specialized incidents.

**Program Goals:**

To prepare Paramedics who are competent in the cognitive (knowledge), psychomotor (skills), and affective (behavior) learning domains to enter the profession.



## **EMSP 2205 101C3 FA2025**

### **EMS Operations**

#### **Course Semester Fall 2025**

To educate professionals who can solve problems using highly developed assessment skills, backed by a solid understanding of pathophysiology and reinforced with clinical experiences, who are flexible and can think beyond the established protocols.

**Course Rationale:** This course introduces students to the logistical, regulatory, and operational aspects of EMS, including scene safety, incident command, hazardous materials awareness, rescue operations, ground and air medical transport, crime scene awareness, ambulance operations, and disaster response. Students will learn about the EMS system's functions and professional conduct. Students will learn how to operate an emergency vehicle safely, perform extrication techniques, manage mass-casualty incidents, and respond to terrorism-related events. Emphasis is also placed on communications, documentation, resource management, and the ethical and legal responsibilities of EMS professionals in diverse operational settings.

#### **Course Student Learning Objectives/Outcomes:**

After this unit, the student will be able to:

1. Operate an ambulance safely and effectively during routine and emergency responses.
2. Apply principles of scene size-up and situational awareness to ensure crew, patient, and bystander safety.
3. Demonstrate knowledge of hazardous materials response at the awareness level.
4. Participate in rescue operations with basic knowledge of vehicle extrication and technical rescue.
5. Implement the Incident Command System in simulated and actual multi-casualty incidents.
6. Apply knowledge of crime scene preservation, documentation, and reporting in criminal-related EMS calls.
7. Describe the coordination and integration of EMS with public safety, air medical, and disaster response systems.

<b>Student Learner Outcome</b>	<b>Maps to Core Objective</b>	<b>Assessed via this Assignment</b>
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

**EMSP 2205 101C3 FA2025**  
**EMS Operations**  
**Course Semester Fall 2025**

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:**

<b>Quizzes</b>	30%	<b>A</b> = 93-100%
<b>Homework</b>	30%	<b>B</b> = 80-92%
<b>Mid Term:</b>	15%	<b>C</b> = 75-79%
<b>Final Exam:</b>	15%	<b>D</b> = 65-74%
<b>Affective:</b>	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.

<b>Affective Domain</b>	<b>Exceeds Expectations (A)</b>	<b>Meets Expectations (B)</b>	<b>Minimally Met Expectations (C)</b>	<b>Minimum Expectation Not Met (D)</b>
1. Quality of cognitive components				
2. Course of action in behaviors				
3. Articulation of feelings, values,				



**EMSP 2205 101C3 FA2025**  
**EMS Operations**  
**Course Semester Fall 2025**

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 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*



**EMSP 2205 101C3 FA2025**  
**EMS Operations**  
**Course Semester Fall 2025**

**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](mailto:sryan4@com.edu).

**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 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.

---

**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.



## **EMSP 2205 101C3 FA2025**

### **EMS Operations**

#### **Course Semester Fall 2025**

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**

If a student has an excused absence from a skills session, they must follow the steps below to continue in the program. This will not serve as “make-up” time—time missed is time missed for any unexcused absence.

- Scheduled time outside of regular class times will count on a 2:1 ratio open lab sessions only; if they attend another class session, it will count hour by hour. One hour of open lab time will count as two hours of excused missed lab time. A student will only be allowed to attend no more than three make-up sessions, either in an open lab or by attending another in-session class.

**Communicating with your instructor:** All official electronic communication with the instructor must be through your COM email. Due to FERPA restrictions, faculty cannot share any information about class performance through other electronic means. (At their discretion, faculty may add additional statements requiring monitoring and communication expectations or options via D2L or other Learning Management Systems (LMS) or digital group options, such as GroupMe or WhatsApp.)

#### **EMS Chain of Command**

We employ chain-of-command policies, similar to those found in the workplace, to develop professional skills relevant to the workforce.

1. If you have a problem or a question, first consult the syllabus.
2. Verbally discuss the issue with the Lead Instructor.
  - a. Follow up an email TO the LEAD INSTRUCTOR summarizing the meeting and your understanding of the outcomes.
  - b. If you are dissatisfied with the outcome, proceed to Step 3.
3. Forward your summary of the initial meeting to the Program Director and the Lead Instructor. You should also state your desired outcome and justifications for that outcome.
  - a. You will be asked to meet with the Program Director in person.
  - b. As before, prepare a follow-up email summarizing the meeting's outcome.
  - c. If you are dissatisfied with the outcome, proceed to Step 4.



## EMSP 2205 101C3 FA2025

### EMS Operations

#### Course Semester Fall 2025

4. Forward your summary of the initial meeting to the Department Chair, the Program Director, and the Lead Instructor. You should also state your desired outcome and provide justifications for it.
  - a. You will be asked to meet with the Dean in person.
  - b. As before, prepare a follow-up email summarizing the meeting's outcome.
  - c. If dissatisfied with the outcome, refer to the Student Handbook for the next steps. [COM Student Handbook](#)

**Academic Dishonesty:** The College of the Mainland EMS Program strictly prohibits academic dishonesty. Disciplinary action will include, but is not limited to, recording a “0” for the assignment. In cases of cheating or falsification of clinical documents, dismissal is likely. 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

#### **Course Disruption:**

Due to circumstances beyond our control, such as a pandemic, hurricane, or flooding, classes, labs, and clinical rotations may be converted from face-to-face to remote learning or disrupted, resulting in an Incomplete course or a possible delay in graduation. In such an event, when courses can resume, the days and times to make up the content may differ from those 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.

**Student Concerns:** If you have any questions or concerns about any aspect of this course, please contact your lead instructor using the contact information provided first. If you continue to have questions after discussing your problems, don't hesitate to reach out to Sarrissa Ryan, Program Director, at [sryan4@com.edu](mailto:sryan4@com.edu).

---

#### **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 runs typically with a two-member crew, a student may not be the second crew member and count this as a clinical rotation.





## EMSP 2205 101C3 FA2025

### EMS Operations

### Course Semester Fall 2025

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 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:

<b>2</b>	<b>8/27/2025</b>	<b>Wed</b>	Physical Safety and Wellness	
			Personal Protection from Disease	
			General Scene Safety Considerations	Trauma Pt
			Psychological and Emotional Wellness	Assessment
			Stress and Stress Management	
			<b>Chapter 17 Rural EMS</b>	
			Practicing Rural EMS	
			Typical Rural EMS Situations and Decisions	
			<b>Chapter 6 Public Health</b>	
	<b>8/29/2025</b>	<b>Fri</b>	Basic Principles of Public Health	Blunt &
			Accomplishments in Public Health	penetrating
			Epidemiology	Injury
			Public Health and EMS	Management
			Prevention in the Community	
<b>4</b>	<b>9/10/2025</b>	<b>Wed</b>	Chapter 9 EMS Systems Communication	
			EMS Communications	
			Basic Communication Model	
			Verbal Communication	<b>PT</b>





## EMSP 2205 101C3 FA2025

### EMS Operations

#### Course Semester Fall 2025

			Written Communication	communicaiton
			Terminology	Skills
			The Importance of Communications in EMS Response	
			<b>Chapter 12 Terrorism</b>	
			Chemical Agents	PT
			Biological Agents	communicaiton
			Nuclear Detonation	Skills
			Explosive Agents	
			Mass Shootings	
9/12/2025	Fri		<b>Chapter 16 Crime Scene Awareness</b>	
			Approach to the Scene	Crime scene
			Specific Dangerous Scenes	Awareness
			Tactical Considerations	
			EMS at Crime Scenes	
			EMSP 2205 EMS Operations	
6	10/1/2025	Wed	Chapter 14 Rescue Awareness	
			Role of the EMS Practitioner	
			Protective Equipment	Trauma Pt
			Safety Procedures	Assessment
			Rescue Operations	
			Surface Water Rescues	
			Chapter 12 Terrorism	
			Chemical Agents	Trauma Pt Assessment
			Biological Agents	
			Nuclear Detonation	
			Explosive Agents	
			Mass Shootings	
10/3/2025	Fri		Chapter 15 Hazmat	



## EMSP 2205 101C3 FA2025

### EMS Operations

#### Course Semester Fall 2025

			Role of the EMS Practitioner	MCI Drill
			Incident Size-Up	Table top
			Specialized Terminology	
			Contamination and Toxicology	
			Approaches to Decontamination	
			Hazmat Protection Equipment	
			Medical Monitoring and Rehabilitation	
			Importance of Practice	
			EMSP 2205 EMS Operations	
8	10/15/2025	Wed	Chapter 10 Ground EMS operations	
			Ambulance Maintenance	Start Triage
			Ambulance Deployment and Staffing	
			Safe Ambulance Operations	
			Chapter 11 Air Medical Operations	
			History	MCI Drill
			Aircraft	
			Role in EMS	
			Scene Operations	
	10/17/2025	Fri	Chapter 13 MCI	
			Origins of Emergency Incident Management	
			Support of Incident Command	MCI drill
			Division of Operations Functions	
			Functional Groups within an EMS Branch	
			Disaster Management	
			Challenges of Multiple-Casualty Incidents	

### Institutional Policies and Guidelines



## EMSP 2205 101C3 FA2025

### EMS Operations

### Course Semester Fall 2025

**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/student-handbook.html>. *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 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](mailto: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 by state law. The last date to withdraw from the 1<sup>st</sup> 8-week session is October 1. The last date to withdraw from the 16-week session is November 14. The last date to withdraw for the 2<sup>nd</sup> 8-week session is November 25.

**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



## **EMSP 2205 101C3 FA2025**

### **EMS Operations**

### **Course Semester Fall 2025**

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](mailto:deanofstudents@com.edu) or [communityresources@com.edu](mailto: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.