



## PARAMEDIC COURSE SYLLABUS – ASSESSMENT BASED MANAGEMENT EMSP2143

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### **Program Mission**

The mission of the Brazosport College EMS Program is to exceed the standards of education by providing quality programs that graduate compassionate, clinically competent, and technically proficient entry-level EMS providers.

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### **Program Educational Objectives**

The educational objectives of the program are to prepare students to:

- Comprehend, apply, and evaluate information relative to the role of an entry-level paramedic.
  - Demonstrate technical proficiency in all skills necessary to fulfil the role of an entry-level paramedic.
  - Demonstrate personal behaviors consistent with professional and employer expectations of an entry-level paramedic.
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### **Expected Learning Outcomes**

Graduates of the program will demonstrate:

- An ability to understand, interpret, and apply EMS and general medical knowledge necessary to function in a healthcare setting.
- An ability to perform a wide range of paramedic level EMS pre-hospital skills, both difficult and routine.
- An ability to conduct oneself in an ethical and professional manner and show proficiency in interpersonal relations and communication.

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|---------------------------------------|---|
| <b>Course Information:</b>            | EMSP 2143 Assessment Based Management<br>Credit 1   Lecture 0   Lab 3   Contact 48<br>CIP 51.0904 |
| <b>Term:</b>                          | Spring 2022   |
| <b>Course Meeting Days and Times:</b> | Thursday 8am to 5pm   |

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| <b>Contact Information:</b>   |  |
| <b>Program Director:</b>  | Lara Hardy   |
| <b>Contact Information:</b>   | Office HS-100C – (979) 230-3432<br>Personal – (979) 248-3080<br>Email – Lara.Hardy@brazosport.edu<br>Campus Hours – Monday through Thursday 8am to 5pm<br>– Meeting by Appointment |
| <b>Instructor/Clinical Coordinator:</b>   | Lara Hardy   |
| Email is the primary source of communication to express a concern or personal matter related to the course. All students must use their designated Brazosport College email to communicate with the program director, course instructor, or clinical coordinator. |  |

**Course Description:**

This course is a summative experience covering comprehensive, assessment-based patient care management.

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**Terminal Course Objectives:**

At the end of this course, the paramedic student will be able to integrate pathophysiological principles and assessment findings to formulate a field impression and implement a treatment plan at the paramedic level consistent with the course objectives <sup>7-1</sup>.

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**Course Textbooks:**

- ISBN: 9781284457025

Emergency Care in the Streets 8<sup>th</sup> E, Volume 1 and 2 – Jones and Bartlett

Required course materials are available at the Brazosport College bookstore, on campus or online, at <http://www.brazosport.edu/bookstore>. Student is not under any obligation to purchase a textbook from the college bookstore. The same textbook is/may also be available from an independent retailer, including an online retailer.

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**Course Prerequisites:**

- Proof of current EMT certification from DSHS prior to beginning and throughout the Paramedic Program (to include clinical and field rotations) – AND –
  - Completion of AEMT Course (to include EMSP1261, EMSP1355, EMSP1356, and EMSP1438) with a course grade of a C or better – OR –
  - Proof of current AEMT certification from DSHS or current EMT-I/AEMT certification from National Registry prior to beginning and throughout the Paramedic Program (to include clinical and field rotations) – AND –
  - Completion of Fisdap Advanced EMT Comprehensive Exam with a minimum score of 67% (Fisdap National Average) – AND –
  - Completion of EMSP 2206, EMSP 2305, EMSP 2444, EMSP 2330, and EMSP2434
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**Course Co-Requisites:**

- EMSP 2161 and EMSP 2265
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**Insurance**

Liability insurance is required and is provided by program. Liability insurance covers students participating in assigned program clinical experiences. Liability insurance is not personal health, accident, or life insurance policy. Coverage is voided if students violate scope of practice. Students are required to have personal health insurance. Brazosport College and affiliated clinical sites are not responsible for medical expenses incurred while participating in any college class or clinical experience.

**Individual Course Completion Requirements:**

Successful course completion requires adherence to course policies, maintaining a course average of 80% with a minimum score of 70% on each unit examination, and successfully demonstrating all required skills. Failure to do so will result in unsuccessful course completion regardless of the student's overall average and will prohibit the student from registering for the second semester.

A score of less than 70% on any Exam requires the student to retest. Student will be allowed one retest per course excluding the Final Exam. Any exemptions to this rule must be approved by the Program Director and/or Medical Director.

Student must demonstrate professionalism, conscientiousness, and interest in learning in the class and clinical setting. The affective domain is a decisive factor to be considered for course completion and will be determined as either Pass (score 10) or Fail (score 0).

Student must demonstrate competency and pass the required Summative Scenarios. Student will be allowed to retest two out of the five scenarios.

Student attendance is required at all scheduled classes. Student will not be eligible to complete the course, regardless of course average, if absences meet or exceed 10% of the required classroom training hours. Prompt arrival is expected at all class activities. Excused absences may be granted by the course instructor for extenuating circumstances. If consecutive absences occur for any reason, the status of the student will be reviewed to determine a disposition.

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**Overall Paramedic Course Completion Requirements:**

EMSP 2143 is one of several courses necessary for overall completion. Student will not be eligible to complete the Paramedic course if the individual course requirements are not met.

Successful overall completion qualifies candidates to take the National Registry cognitive and psychomotor examination required for Paramedic Certification and subsequent Licensure by the Texas Department of State Health Services (DSHS).

Student must complete the Paramedic 202122 Program by August 31, 2022. Extenuating circumstances will be considered by the Medical Director. Failure to complete by this date will require the student to re-enter the program including, but not limited to, paying all tuition, fees, and fulfilling related program requirements.

### Teaching-Learning Methods:

Teaching-learning methods in this course may include (but are not limited to) lecture, demonstration, presentations, discussion, assigned readings, critical thinking exercises, practical exercises, and simulation. Evaluation procedures include participation, assignments, quizzes, written examinations, and practical examinations.

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### Course Grading and Grading Scale:

EMSP 2143 is designed to be a final evaluation of paramedic student competencies. Student is required to perform comprehensive patient management scenarios for the EMS Program Medical Director, EMS Program Director, and Faculty. Terminal evaluations will include adult, pediatric, medical, trauma, and resuscitation. Student must demonstrate competency and pass the required Summative Scenarios. Additionally, student must achieve a minimum score of 60% on the comprehensive final examination regardless of course average.

Grading is objective and includes affective ability. Active participation, individual and teamwork, is expected and will be recognized/graded accordingly. All coursework, major exams, special projects, and practical tests will be given with prior notice and will be weighted as part of the final average. Any assignment submitted after the due date will not be accepted.

Student will have a remedial plan based on the terminal evaluations. Remediation can involve additional classroom, skills, and/or clinical/field training as determined by the Medical Director.

| <u>Category</u>    | <u>Percentage</u> | <u>Total</u>   |
|--------------------|-------------------|----------------|
| Assessment         | 10%               | LC Ready       |
| Discussion/Quizzes |                   |                |
| Medical            | 10%               | LC Ready       |
| Discussion/Quizzes |                   |                |
| Trauma             | 10%               | LC Ready       |
| Discussion/Quizzes |                   |                |
| Affective          | 10%               | Competent /    |
| Scenarios          |                   | Not Competent  |
| FISDAP Unit Exams  | 40%               | Cut Score 0.70 |
| Exam Final         | 20%               | Cut Score 0.70 |

|            |                 |                         |
|------------|-----------------|-------------------------|
| 90-100%    | A               |                         |
| 80-89%     | B               |                         |
| 79-79%     | C – Not Passing | Ineligible for Clinical |
| 60-69%     | D – Not Passing | Ineligible for Clinical |
| Below 60%  | F – Not Passing | Ineligible for Clinical |
| Withdrawal | W               | Ineligible for Clinical |
| Incomplete | I – Incomplete* |                         |

- W – Withdrawal: Students are encouraged to consult the Program Director before withdrawing from the course. Withdrawing from this course will affect overall completion necessary for paramedic graduation. Students must withdraw before the official withdrawal date outlined in the Brazosport College Course Catalog. Failure to complete the drop/withdrawal process will result in a failing grade.
- I – Incomplete: An Incomplete grade will be submitted if the student has completed and passed a minimum of 75% of the required coursework AND the conditions for completion have been outlined by the instructor and accepted by the student.
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**Comportment:**

Students are expected to conduct themselves in accordance with the professional expectations for EMTs at all times. Students are reminded that they are representatives of the Brazosport College EMS Program whenever and wherever they are involved with course-related activities. Professional conduct is essential to a successful course experience and EMS career.

Students will wear adhere to the uniform policy at all times while participating in course activities. This includes but is not limited to classroom and clinical participation.

Cell phones are to be accessed in emergency cases only. The use of laptops or any other electronic device is strictly prohibited. Computers and printers are available to Brazosport College students in the library. Therefore, not having access to a computer or computer-related technical issues will not be considered as an acceptable reason for not completing an assignment. All assignments must be in Microsoft Word format and submitted electronically.

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**Academic Dishonesty:**

Academic dishonesty violates both the policies of the Brazosport College EMS Program and the Student Code of Conduct. Brazosport College assumes that students eligible to perform on the college level are familiar with the ordinary rules governing proper conduct including academic honesty. The principle of academic honesty is that all work presented by you is yours alone. Academic dishonesty (including, but not limited to, cheating, plagiarism, and collusion) shall be treated appropriately. Please refer to the Brazosport College Student Guide for more information online at <http://www.brazosport.edu>.

Academic dishonesty violates both the policies of this course and the Student Code of Conduct. In this course, any occurrence of academic dishonesty will be referred to the Dean of Student Services for prompt adjudication and may, at a minimum, result in course failure. Sanctions may be imposed beyond your grade in this course by the Dean of Student Services.

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**Title IX**

Brazosport College faculty and staff are committed to supporting students and upholding the College District's non-discrimination policy. Under Title IX and Brazosport College's policy FFDA (Local), discrimination based on sex, gender, sexual orientation, gender identity, and gender expression is prohibited. If you experience an incident of discrimination, we encourage you to report it. While you may talk to a faculty or staff member at BC, please understand that they are "Responsible Employees" and must report what you tell them to college officials. You can also contact the Title IX Coordinators directly by using the contact information below. Additional information is found on the Sexual Misconduct webpage at [www.brazosport.edu/sexualmisconduct](http://www.brazosport.edu/sexualmisconduct).

Mareille Rolon, HR Coordinator and Title IX Coordinator

Office C-114; 979-230-3303; [mareille.rolon@brazosport.edu](mailto:mareille.rolon@brazosport.edu)

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**Students with Disabilities:**

Brazosport College is committed to providing equal education opportunities to every student. Brazosport College offers services for individuals with special needs and capabilities including counseling, tutoring, equipment, and software to assist students with special needs. For student to receive any accommodation, documentation must be completed in the Office of Disability Services. Please contact Phil Robertson, Special Populations Counselor, at 979-230-3236 for further information.

While the Brazosport College EMS Program assures that everyone is afforded equal opportunity during the application and instructional processes, you should be aware that you must be able to successfully complete ALL of the program requirements, either with or without reasonable accommodations.

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#### COVID-19:

At Brazosport College, all of us (including faculty, staff, and students), share a common goal this fall semester, to keep our classes running in the safest manner possible and avoid any disruption to your progress in achieving your educational and career goals. To that end, we ask and encourage you to conduct yourself in the following manner while on campus this semester:

- Every day, perform a self-health check prior to coming to campus and stay home if sick.
- To the greatest extent possible, maintain your distance between you and other students, faculty, and staff while on campus.
- Wear a properly fitted face covering over your mouth and nose while indoors on campus. If you do not have a mask, they will be available to you in all classrooms this fall.
- Practice good hygiene, washing your hands regularly and/or using hand sanitizer.
- The most effective way to protect yourself from Covid-19 is through vaccination. The vaccine is readily available and at no cost to you. Vaccine information and availability can be found at <https://brazosport.edu/coronavirus/vaccine/>.

If at any time this semester you begin to experience Covid symptoms, or if you are exposed to someone who has tested positive for Covid-19, please take the following steps:

- Stay home if you're feeling sick and minimize your contact with others.
- Alert the College by completing the Covid-19 Exposure Report Form online at <https://brazosport.edu/coronavirus/report/>. Be sure to provide accurate contact information, including a working phone number that you will answer.
- After submitting the report, you will be promptly contacted by a member of our Rapid Response Team, who will ask you some specific questions about your situation and provide you with guidance moving forward.
- If it is determined that you should not come to class, your instructor will be notified. **Please know that your instructor will consider course adjustments and potential make-up work only if your case has been reported to Brazosport College, and they've been notified by our response team.** Your instructor will work with you to determine how to manage any make-up work.

While walk-ins are available, your visit will be easier if you pre-register by creating an account at [www.mychn.org](http://www.mychn.org). In addition to providing health and behavioral services, CHN also provides COVID vaccinations and testing. All insurance is accepted and healthcare is provided on a sliding scale including no cost for those who need it.

Throughout the semester, please regularly check the College's Covid-19 information page at <https://brazosport.edu/coronavirus/>, where the latest updates and guidelines will be posted. As members of the BC community, all of us share a responsibility to each other to be as safe as possible.

## Course Schedule:

The course schedule is attached. The course schedule is tentative and subject to change in any part at the discretion of the instructor with approval from the Program Director. In the event of change, students will be notified in a timely manner.

## Course Objectives:

### 1. Assessment Based Management <sup>7-1</sup>

#### Cognitive Objectives

- 7-1.1 Explain how effective assessment is critical to clinical decision making. (C-1)
- 7-1.2 Explain how the paramedic's attitude affects assessment and decision making. (C-1)
- 7-1.3 Explain how uncooperative patients affect assessment and decision making. (C-1)
- 7-1.4 Explain strategies to prevent labeling and tunnel vision. (C-1)
- 7-1.5 Develop strategies to decrease environmental distractions. (C-1)
- 7-1.6 Describe how manpower considerations and staffing configurations affect assessment and decision making. (C-1)
- 7-1.7 Synthesize concepts of scene management and choreography to simulated emergency calls. (C-3)
- 7-1.8 Explain the roles of the team leader and the patient care person. (C-1)
- 7-1.9 List and explain the rationale for carrying the essential patient care items. (C-3)
- 7-1.10 When given a simulated call, list the appropriate equipment to be taken to the patient. (C-2)
- 7-1.11 Explain the general approach to the emergency patient. (C-1)
- 7-1.12 Explain the general approach, patient assessment, differentials, and management priorities for patients with the following problems: (C-3)
  - a. Chest pain
  - b. Medical and traumatic cardiac arrest
  - c. Acute abdominal pain
  - d. GI bleed
  - e. Altered mental status
  - f. Dyspnea
  - g. Syncope
  - h. Seizures
  - i. Environmental or thermal problem
  - j. Hazardous material or toxic exposure
  - k. Trauma or multi trauma patients
  - l. Allergic reactions
  - m. Behavioral problems
  - n. Obstetric or gynecological problems
  - o. Pediatric patients
- 7-1.13 Describe how to effectively communicate patient information face to face, over the telephone, by radio, and in writing. (C-1)

#### Affective Objectives

- 7-1.14 Appreciate the use of scenarios to develop high level clinical decision making skills. (A-2)
- 7-1.15 Defend the importance of considering differentials in patient care. (A-3)
- 7-1.16 Advocate and practice the process of complete patient assessment on all patients. (A-3)
- 7-1.17 Value the importance of presenting the patient accurately and clearly. (A-2)

#### Psychomotor Objectives

- 7-1.18 While serving as team leader, choreograph the EMS response team, perform a patient assessment, provide local/ regionally appropriate treatment, present cases verbally and in writing given a moulaged and programed simulated patient. (P-3)

- 7-1.19 While serving as team leader, assess a programmed patient or mannequin, consider differentials, make decisions relative to interventions and transportation, provide the interventions, patient packaging and transportation, work as a team and practice various roles for the following common emergencies: (P-3)
- a. Chest pain
  - b. Cardiac Arrest (trauma and medical)
  - c. Acute abdominal pain
  - d. GI bleed
  - e. Altered mental status
  - f. Dyspnea
  - g. Syncope
  - h. Seizure
  - i. Thermal/ environmental problem
  - j. Hazardous materials/ toxicology
  - k. Trauma
  - l. Allergic reactions/ bites/ envenomation (local and systemic)
  - m. Behavioral
  - n. Obstetrics/ gynecology
  - o. Pediatric