Texarkana College Paramedic Program
Course Syllabus

EMSP 1160 - EMT Clinical 80 Hour

ER 24 Hours.
OB 8 Hours
EMS 48 Hours.

Course Description: This capstone segment of the EMS Educational Program is designed to provide for adequately evaluating the candidate's activities related to the comprehensive, assessment-based patient management and their overall control and leadership of the EMS response. Direct supervision of the student is provided by the clinical professional.

Learning Outcomes: The student will demonstrate the ability to integrate anatomical, physiological and pathophysiological principles and assessment findings into formulating an appropriate EMT field impression while simultaneously executing a safe, effective treatment plan. The student will be expected to correctly apply the theory, concepts and skills involving the use of specialized tools, equipment, procedures, regulations, laws and interactions within and among the political, economic, environmental, social and legal systems associated with the EMS profession.

Key Concepts and General Course Plan: This course was developed to meet the National Standard EMT Curriculum based on the concept of assessment-based scene and patient management. This course incorporates all the material covered in the previous areas of study (i.e., medical, trauma, special patient populations and EMS operations) so that the EMT student can provide appropriate and necessary care to a wide variety of patients based on individual assessment findings.

Clinical and Field Experiences: This portion of the educational process will include a health-related, work-based learning experience that enables the student to apply specialized occupational theory, skills, and concepts. Direct supervision of the student is provided by the clinical professional. As outlined in the learning plan, apply the theory, concepts, and skills involving specialized materials, tools, equipment, procedures, regulations, laws, and interactions within and among political, economic, environmental, social, and legal systems associated with the occupation and will demonstrate legal and ethical behavior, safety practices, interpersonal and teamwork skills, and appropriate written and verbal communication skills using the terminology of the industry. These experiences will provide the EMT student with the opportunity to transfer the medical concepts, principles, and skills learned in the classroom and lab to direct patient care. This section of the course is designed for the student to be part of the hospital and prehospital teams as patient care is delivered in the Emergency Department, Labor and Delivery, and Advanced Life Support (ALS) EMS Units.

Before the student can attend a direct patient care activity; they must have completed and submitted all documentation indicating that the pre-clinical requirements have been met. In addition, the student must have practiced and demonstrated competency in the lab of at least these minimum skills: BLS to include CPR and use of an AED, vital signs measurement and a basic patient assessment with the appropriate history. Students will also receive a detailed orientation to the

clinical areas with instructions for body substance isolation precautions and proper personal protective equipment (BSI and PPE). This will include a thorough discussion about patient confidentiality and the process for scheduling and documenting the clinical experiences and patient encounters. These instructions are provided in the **EMT Program Student Handbook** and all appropriate signed acknowledgements will be placed in the student's course record.

Required Equipment and Supplies: Program-approved uniform and ID badge as specified in the **EMT Program Student Handbook.** At a minimum, all students need to wear gloves and eye protection during all patient care activities and other PPE as needed for the situation.* In addition, a stethoscope, pen-light and watch with a second hand are necessary for patient assessment and vital signs measurement.

Learning Outcomes: All EMT students are expected to demonstrate professional behavior including but not limited to, integrity, empathy, self-motivation, appearance/personal hygiene, self-confidence, communications, time-management, teamwork/diplomacy, respect, patient advocacy and careful delivery of service. To successfully complete the Clinical and Field portions of this educational process, all students will be required to document their attendance and involvement in the following activities for a total of 80 hours:

Clinical (32 hours total in hospital)* – Students will attend a minimum of 24 hours in the Emergency Department & Triage to observe and assist with the assessment and care of various acuity level ill and injured patients of all age ranges. In addition, all students will attend 8 hours in the Labor & Delivery to observe the progression of labor and if available witness one birth and/or care of the newborn.

EMS Field (48 hours total with ALS Unit)* – Students must participate as the third-person crew member on an ALS ambulance and complete documentation of an assessment and history on each patient encounter. All students must perform at least ten (10) patient assessments while in the Clinical or Field rotation and ensure that the required documentation and evaluations have been completed.

Methods of Instruction: Observation with direct patient care opportunities in the pre-hospital setting.

Required Textbooks: ***Emergency Care and Transportation of the Sick and Injured, 11th Ed.;*** American Academy of Orthopaedic Surgeons (AAOS), Jones & Bartlett Learning, 2017, with the ***Navigate 2 Premier Access*** for the online learning management system (LMS).

Required Supplies: Program approved EMS uniform, PPE and assessment tools as listed in the EMT Student Handbook. All EMT Students students will receive an access code and instructions to utilize FISDAP (Field Internship Student Data Acquisition Project) Scheduler and Skills Tracker.

Methods of Evaluation: All students will need to follow the Clinical Guidelines as specified in the EMT Student Handbook as it relates to the required documentation. The forms included on pages 3-4 of this syllabus must be completed at the end of each patient encounter and/or shift by the student and the preceptor. In addition, the student will be responsible for entering all the appropriate data in FISDAP and then submitting the paper copies to the Clinical Coordinator for review. All this will become part of the student's portfolio and will be used to track their progress towards acquisition of the expected terminal competencies. To successfully complete this segment of the program and be eligible to proceed into the next phase; the student will be expected to meet all the didactic, laboratory, and field assignments as required in the Paramedic Course Terminal Competencies and these must be accomplished by the end of this course of study.

Methods to Evaluate Learning Outcomes: All Paramedic students will be fairly and equally evaluated in all learning domains; including didactic, psychomotor and affective. Once all required evaluations have been completed and submitted to the faculty for review; the numeric values will be averaged, and the final grade will be calculated by the following rubric:

90 – 100 = A
80-89.5 = B
70-79.5 = C
60-69.5 = D
Below 60 = F

Addendum A-1:

This amendment to the EMT Syllabus is meant as clarification regarding required PPE and Clinical/EMS Field experiences. In response to a recent Pandemic of historical scale, it has become apparent that all EMT students will need to take extra precautions in order to maintain safety for them, their co-workers and the patients they encounter. Gloves and eye protection have been routine practice during any patient contact; and now the student will be required to wear a face mask that meets the current OSHA and CDC guidelines; as well as any additional regulations mandated by the healthcare facility and/or EMS agency. Furthermore, the EMT student must adhere to all established Texarkana College protocols related to campus access and screening; and the use of appropriate PPE and personal hygiene practices while attending any classroom and/or laboratory setting.

Certain uncontrollable factors may limit student access to specific areas and/or patient populations in the hospital and/or EMS settings. When sufficient numbers of "live" patient encounters are not possible; these will be simulated in a laboratory environment by utilizing case studies and/or instructor directed scenarios. Other delivery models could be deployed; including virtual sessions conducted via an online learning management system. The use of these various educational modalities will help to ensure student engagement and their ability to meet all core course objectives.