

EMSP-1038, 1056, 1055, 1064, 1060
Emergency Medical Technician – Intermediate

Western Texas College

- I. Basic Course Information - Course Title and Number:
 - A. EMSP-1038 – Intro to Advance Practices
 - B. EMSP-1056 – Patient Assessment & Airway Mgt.
 - C. EMSP-1055 – Trauma Management
 - D. EMSP-1064 – Clinical EMT/Tech. Intermediate
 - E. EMSP-1060 – Clinical EMT/Tech. Intermediate Field Experience
- II. Prerequisites:
 - A. Must be 18 years of age and have a High School Diploma or GED by the conclusion of the course. Must have a current American Heart Association CPR Card for Healthcare Providers. Student must be current on all Immunizations, FBI criminal Backgroundcheck, proof of personal Insurance. Must have taken and passed EMT-Basic courses.
- III. Credit Hours Earned:
 - A. These courses are offered for certificate only.
- IV. Course Coverage and Learning Outcomes: Must exhibit competency in handling emergencies utilizing all Basic Life support equipment and skills in accordance with all behavioral objectives in the DOT/ First Responder Training Course and the FEMA document entitled “Recognizing and Identifying Hazardous Materials”. The adopted National standard curricula includes objectives specifically, after successful completion of the program, the student will be capable of performing the at the minimum entry level:
 - A. Given an SLO activity: The student will evaluate the nature and seriousness of the patient’s condition or extent of injuries to assess requirements for emergency medical care; Student proficiency in this area will be measured by preceptor supervision in a clinical setting and completion of the clinical evaluation performance form, quizzes, regular exams, comprehensive final exam, clinical reports, lab assessments and comprehensive lab practical exams.
 - B. Given an SLO activity: The student will administer appropriate emergency medical care based on assessment findings of the patient’s condition; Student proficiency in this area will be measured by preceptor supervision in a clinical setting and completion of the clinical evaluation performance form, quizzes, regular exams, comprehensive final exam, clinical reports, lab assessments and comprehensive lab practical exams.
 - C. Given an SLO activity: The student will initiate transportation of patients by lifting, moving, positioning and otherwise handling the patient to minimize discomfort and prevent further injury; Student proficiency in this area will be measured by preceptor supervision in a clinical setting and completion of the clinical evaluation performance form, quizzes, regular exams, comprehensive final exam, clinical reports, lab assessments and comprehensive lab practical exams.

- D. Demonstrate the ability to perform safely and effectively the expectations of the job description. Provide a service in an environment requiring special skills and knowledge in such areas as communications, transportation, and keeping records. Student proficiency in this area will be measured by preceptor supervision in a clinical setting and completion of the clinical evaluation performance form, quizzes, regular exams, comprehensive final exam, clinical reports, lab assessments and comprehensive lab practical exams.
- E. Display the ability to serve as liaisons with other emergency services. Student proficiency in this area will be measured by preceptor supervision in a clinical setting and completion of the clinical evaluation performance form, quizzes, regular exams, comprehensive final exam, clinical reports, lab assessments and comprehensive lab practical exams.

This course provides an introduction to these concepts. Individual orientation to the specific systems and services with which the EMT-Basic will be affiliated is necessary to achieve a full level of competency.

V. Required Book for the Course:

Intermediate Emergency Care Textbook & Workbook: Author –Bledsoe, Porter and Cherry, by Brady publishing. ISBN: 0-13-113607-0 WORKBOOK ISBN;0-13-11369 Course Handbook - \$25.00 will be given the first night of class

VI. Other Required Materials:

Blood Pressure cuff and stethoscope, wristwatch with a second hand, black pants (preferably pocket pants), white shirt, black shoes and socks.

VII. Grading System:

Exam Grades	60%
Four Exams	(15% of semester grade each)
Daily Homework	25% of semester
Final Exam	15% of semester
Passing Grade	70

VII. Other Course Requirements:

- A. Students are expected to participate in class discussion. Homework is expected to be completed by the next class period. Full competency must be reached on all the TDSHS skills requirements and course requirements as lay out in the course handbook. Attendance to the Extrication day is mandatory for course completion.

VIII. Extra Credit Options:

There are none

IX. Course Organization and Schedule:

CLASS #	DATE	TOPIC	LENGTH
#*1	Preparatory	Registration Course Overview Pre-Test evaluation Foundations of EMT-I	1 HR 1 HR 1 HR 1 HR
#* 2	Preparatory	Well Being Of EMT-I Medical/ Legal Considerations/Ethics Overview of Human Systems	1 HR 1 HR 2 HRS
*3	Preparatory	Anatomy & Physiology for the Intermediate Basic Skills Practice	3 HRS 1 HR
4	Preparatory	Basic Skills Testing Emergency Pharmacology	3 HRS 1 HR
5	Sat: Preparatory	Venous Access /lecture Veni-puncture Demo and Student Practice Blood Draw, EJ cannulation, Sharps Disposal	4 HRS 4 HRS
6	Preparatory	Medication Administration Lecture IM, Sub-Q injection	2 HRS 2HRS
7	Preparatory	Review for exam Skill Practice IM Sub Q	2 HRS 2 HRS
8	Preparatory	Written Exam #1: All Material to Date Skills Exam: Random Basic Skill	1 HRS 3HRS
#*9	Airway	Respiratory Anatomy and Physiology Pathophysiology of Airway/ Ventilation Overview Pt. Assessment: Airway/ Ventilation	4 HRS
#*10	Airway	Techniques of Management: Basic Mechanical Aids to Breathing: Nasogastric tubes, Esophageal Airways Skills Lab: Practice	2 HRS 1 HR 1 HR

*11	Airway	Techniques of Mgt.: Endotracheal Intubation (Adult/ Pedi); ET suction, Cricothyrotomy, LMA Skills Lab: Practice Chapter Test Airway	2 HRS 2 HRS
12	Airway	Skills Exam: Esophageal Airways, Cricothyrotomy Endotracheal Intubation (Adult/Pedi) ET Suction, Nasogastric Tubes	4 HRS
*13	Pt. Assessment	Medical Terminology History Taking/ OPQRST/ SAMPLE Techniques of Physical Examination	1 HR 1 HR 2 HRS
*14	Sat: Pt. Assessment	Clinical Orientation Initial Assessment: Scene safety, Mech Injury/ nature of Illness Physical Exam: Medical & Trauma Detailed Assessment Skills Practice: NREMT Skills Pt. Assessment	1 HR 2 HR 2 HR 4 HRS
15	Pt. Assessment	Clinical Decision Making: Critical Thinking Communications Documentation	1 HR 1 HR 2 HRS
16	Pt. Assessment	Major Exam #2 Skill Testing Pt. Assessment	2 HR 2 HRS
#*17	Trauma	Trauma Systems & Mech. Of Injury Hemorrhage & Shock	2 HRS 2 HRS
#*18	Trauma	Physiology of Perfusion: Fluids & Electrolytes Acid Base Balance: Shock Evaluation of Perfusion Techniques of Management: Pneumatic Anti-Shock Garment	2 HRS 2 HRS
*19	Trauma	Burns/ Parkland formula/ Rule of nines	3 HRS 1 HRS

		Classification of Burns: Chemical, electrical, thermal Skills Lab: PASG, IV Therapy	
20	Trauma	Thoracic Trauma, Hemothorax, pneumothorax Abdominal, Extremity trauma Skill: Pleural Chest Decompression	1 HR 2 HRS
		SPRING BREAK NO CLASS	
21	Trauma	Head & Spinal Trauma Brain injury Trauma	3 HRS 1 HR
22	Trauma	Skills Lab: Helmet Removal, IV Therapy, PASG, IV Push Meds, Decompression, Airway Mgt. Spinal Immobilization,	4 HRS
23	Sat: Trauma	Trauma Scoring, Triage Facility Bypass & Diversion Skills Practice: Helmet Removal, Sports Injuries Initial Assessment / Rapid extrication Spinal Immobilization Case Scenerio Patient assessment	1 HR 4 HRS 3 HRS.
24	Trauma	Written EXAM #3: Fluids & Electrolytes, IV Therapy, & Shock, Trauma Skills EXAM: IV, PASG, IO Infusion, IV Push Meds,	1 HR 2 HRS 1 HR
#*25	Medical	Respiratory Emergencies, Asthma, Apnea, COPD, emphysema, Chronic Bronchitis, Pulmonary Edema, Pneumonia Tension Pneumothorax, Pulmonary Thromboembolism	4 HRS
#*26	Medical	Cardiovascular Emergencies, Angina, Bradycardia, Tachycardia, Cardiogenic Shock, v-fib, asystole, PEA Skills: AED, CPR,	3 HRS 1 HR

#*27	Medical	Diabetic Emergencies, DKA, Hypoglycemia, Hyperglycemia, Insulin finger-stick sugar level testing	3 HRS 1 HR
*28	Medical	Allergic Reactions Epi-pen, Random Airway skill test	2 HRS 2 HRS
*29	Medical	Poisoning & Overdose Charcoal, Random IV skill test	2 HRS 2 HRS
*30	Sat: Medical	Neurological Emergencies: Stroke Seizures/ Epilepsy Meningitis/ Infections Skills Practice: All NREMT Skills	1 HR 1 HR 1 HR 5 HRS
*31	Medical	Non-traumatic Abdominal Emergencies GI bleeding, Stones, UTI, Ruptured Viscus	4 HRS
32	Medical	Environmental Emergencies/ Heat & Cold, Stings/ Bites Behavioral Emergencies / Substance Abuse	4 HRS
33	Medical	Gynecological Emergencies Miscarriage, Ectopic pregnancy, PID, Sexual Assault	4 HRS
#*34	Special Considerations	Obstetrical Emergencies Abrupto, Previa, Prolapsed cord, eclampsia, emergency delivery	4 HRS
*35	Special Considerations	Neonatal Resuscitation Cyanosis, meconium, sepsis, apnea	4 HRS
36	Special Considerations	Pediatric Emergencies, Pediatric IV and Intubation	2 HRS 2 HRS
37	Special Considerations	Pediatric Emergencies continued Geriatrics	2 HRS 2 HRS
#*38	Operations	Major Incident response/ Incident Command System	4 HRS

		Critical Incident Stress Management	
39	Sat: Operations	Written Exam # 4 Extrication & Rescue, Major Incident Response Incident Command System; Rapelling, Water Rescue	8 HRS
40	Tues. Operations	Aero-medical Operations/ Street Sense Video	4 HRS
41	Thurs.	Review for FINAL EXAM SKILLS EXAM: All NREMT Skills	4 HRS
42	Sat:	Complete Skills EXAMS WRITTEN FINAL EXAM Review Folders	8 HRS
		Total Hours	192

X. Clinical Requirements

A. AMBULANCE ROTATIONS

1. Additionally 10 emergency ALS runs in the following categories obtained at any approved ambulance service.
2. 5 - Trauma
3. 5 - Medical (2 of 5 can be ALS inter-facility transfers)
4. If a student does not witness 5 – Trauma and 5 – Medical runs in the first 10 ALS runs i.e. (7 medical, 3-Trauma), the student must continue until the minimum criteria are met.

B. CLINICAL ROTATIONS*

Emergency Room	
Rotation	32 Hours
Surgery	16 Hours
ICU	16 Hours (surgical or Medical ICU)
Pediatrics	8 Hours (Pedi-ICU or Pedi-ER)
Total Hospital Hours	72
Ambulance min. Hours	50
	122 Clinical Hours
Classroom Hours	192
	314 Total Hours

NOTE: All clinicals must be completed within 30 days of the last class day.

- XI.
- XII. Students are required to complete the following skills:
 - A. 5 intubations on human patients
 - B. 10 IV Catheter insertions
 - C. 10 vein punctures
- XIII. Available: Policies on Missed and Late Exams and Assignments:
 - A. Make-up testing will not be permitted for unexcused absences. A score of 0 will be recorded for missing a test due to an unexcused absence. Make-up testing times will be scheduled with the instructor for excused absences. No absence will be excused unless notified prior to class
 - B. Attendance Policy: Attendance is mandatory. More than (3) three absences may result in the student being administratively withdrawn from the course. Absences are excused only at the discretion of the instructor. No absence will be excused unless notified prior to class. If you are late for class or clinical, or leave before the instructor dismisses class more than twice during a course, you must obtain permission from the program coordinator or instructor to resume class. Two tardies constitute one absence. You are responsible for all material covered during an absence. It is your responsibility for determining what you missed. This course will be taught in a college classroom environment and in an ambulance lab setting. Students should come to class prepared to contribute in a positive and constructive manner and demonstrate mature and purposeful behavior. Activities disruptive to interference of this behavior, such as sleeping in class interruptive talking, rudeness to other students will not be tolerated and will be dealt with by instructor intervention, to include possible instructor-initiated student withdrawal from this class with resulting forfeiting of all fees by the student.
 - C. You may not use tobacco products in this classroom.
 - D. Policy on Academic Integrity: Cheating and plagiarism are dishonest. Plagiarism (using, stating, offering or reporting as one's own idea, expression or production of another person) carries the penalty of being dismissed from class with a grade of F. A second violation may result in suspension from school. Conduct of students, which are such as to cast unfavorable reflection upon the college will result in the student receiving disciplinary action for misconduct.
- XIV. Other Policies
 - A. Safety: A number of safety measures are in place for your continued protection. In the event of inclement weather, shelters have been designated at several locations on the campus. Your Student Handbook will have a map of these locations and you should familiarize yourself with each. The shelters will be marked at the entrance. Western Texas College is part of the local law enforcement personnel citywide call list which is activated by the local law enforcement personnel. Warnings will be given throughout the campus once the call is received.

- B. Emergency: All offices serve as emergency communications points. Please notify the nearest WTC staff member should you become aware of the need for assistance of any type.
- C. Bad Weather Policy: In the event of classes being dismissed for inclement weather, holiday, national disaster, or other unavoidable circumstances, the instructor will be responsible for notifying the students as to what the make-up requirements will be. Sufficient work will be documented to offset the number of hours missed. This notification of required make-up work will be given to students within one week upon resuming classes.
- D. ADA Statement: Western Texas College does not discriminate on the basis of disability in the admission or access to, or treatment or employment in, its program or activities. The college counselors have been designated to coordinate compliance with the nondiscrimination requirements contained in section 35.107 of the Department of Justice regulations. Information concerning the provisions of the Americans with Disabilities Act, and the rights provided hereunder, are available from the college counselors.
- E. Special Assistance: If, as a result of a disability, a student needs special assistance to participate in a class, the counselor and course coordinator are to be notified immediately so that the prescribed process can be initiated. TDSHS has minimum requirements of physical and mental capabilities to qualify for EMT certification.
- F. Affirmative Action: Western Texas College is an equal opportunity institution and is in compliance with the Americans with Disabilities Act.
- G. Other Policies, Procedures and Important Dates are available in the [Catalog](#).

Last Modified: August 18, 2015