

7/26/2022

DATE

AHD DIVISION

 REQUIRED COURSE
 ELECTIVE COURSE

 NEW COURSE
 REVISION

Lake Land College

Course Information Form

COURSE NUMBER: EMS-050		TITLE: (30 Characters Max) Emergency Medical Tech-Basic	
SEM CR HRS: 7.5	Lecture: 6	Lab: 3	ECH: 9
Course Level:	<input type="checkbox"/> Gen Ed / IAI <input type="checkbox"/> Baccalaureate /Non-IAI	<input checked="" type="checkbox"/> Career/Technical <input type="checkbox"/> Dev Ed/ Not in Degree Audit	Clinical Practicum: 0 Work-based Learning: 0 WBL ECH: 0
COURSE PCS #	12 - 51.0904	IAI Code	N/A
Repeatable (Y/N): Y	Pass/Fail (Y/N): N	Variable Credit (Y/N): N	Contact Hours Per Week
		Min: Max:	16 Wks: 450 8 Wks: 900
Prerequisites:	At least 18 years of age, high school diploma or GED, a current AHA BLS CPR card. Immunizations: Hepatitis B, TB, DT/Tetanus, MMR (if you have immunizations, a copy of what you have is acceptable), physical exam, copy of current Driver's License or State ID, background check non-refundable online application- cost of \$34, and drug screening required.		
Catalog Description: (40 Word Limit)	This course provides the student with an understanding of his/her roles and responsibilities within the EMS system, including operations, patient assessment, and emergency medical care. Students successfully completing this course are eligible to take the EMT-Basic Licensing Examination.		

List the Major Course Segments (Units)	Contact Lecture Hours	Contact Lab Hours	Clinical Practicum	Work-based Learning
Preparatory	12	3		
Airway	15	8		
Patient Assessment	15	10		
Medical	22	10		
Trauma	14	8		
Infants and Children	6	3		
Operations	6	3		
TOTAL	90	45	0	0

EVALUATION

QUIZZES <input checked="" type="checkbox"/>	EXAMS <input checked="" type="checkbox"/>	ORAL PRES <input type="checkbox"/>	PAPERS <input type="checkbox"/>
LAB WORK <input type="checkbox"/>	PROJECTS <input type="checkbox"/>	COMP FINAL <input checked="" type="checkbox"/>	OTHER <input type="checkbox"/>

COURSE MATERIALS

TITLE: Emergency Care and Transportation of the Sick and Injured	
AUTHOR: American Academy of Orthopedic Surgeons	
PUBLISHER: Jones and Bartlett	
VOLUME/EDITION/URL: 12th	
COPYRIGHT DATE: 2021	

MAJOR COURSE SEGMENT	HOURS	LEARNING OUTCOMES
		<i>The student will be able to:</i>
Preparatory	15	1. Describe and discuss the roles & responsibilities; personal safety and well-being; medical-legal & ethical issues; and basic human anatomy and physiology. 2. Demonstrate history taking; monitoring and recording vital signs; and lifting and moving patients.
Airway	23	1. Describe the basic anatomy & physiology of the respiratory system and demonstrate proper airway management using a variety of techniques and airway adjuncts. 2. Describe the use of Capnography while monitoring a patient. 3. Describe how to administer a beta-2 agonist bronchodilator. 4. Describe the administration of the DuoNeb treatment. 5. Describe the application of BiPAP, CPAP, PEEP to a patient. 6. Describe how to monitor an already inserted OG/NG tube.

Patient Assessment	25	1. Describe and demonstrate the proper components of patient assessment and initial management.
Medical	32	1. Describe the acquisition and submission of 12-Lead ECG data to medical control. 2. Describe and demonstrate the Tracheal-Bronchial suctioning of an already intubated patient. 3. Describe and demonstrate the administration of Glucagon Intramuscular (IM). 4. Describe administration of Naxolone Intramuscular (IM) and Intranasal (IN). 5. Describe and demonstrate the administration of Epinephrine Intramuscular (IM). 6. Describe and demonstrate drawing a dose of Epinephrine from a multi-dose vial.
Trauma	22	1. Describe and demonstrate the assessment and management of a patient suffering from a traumatic emergency. 2. Describe the proper application of a Tourniquet. 3. Describe the use of Hemostatic agents.
Infants and Children	9	1. Describe and demonstrate the difference between pediatric and adult patients and how these differences affect patient assessment and management.
Operations	9	1. Describe and discuss general EMS operations, MCI management, and hazardous materials management as they relate to the EMT-Basic.
135		

Outcomes*	At the successful completion of this course, students will be able to:
Course Outcome 1	Identify elements of an EMS system and describe the EMT's role within the system.
Course Outcome 2	Demonstrate the assessment of medical and trauma patients of all ages.
Course Outcome 3	Demonstrate basic airway management techniques on patients of all ages.
Course Outcome 4	Explain the EMT's role in decreasing mortality and morbidity in the trauma patient.
Primary Laker Learning Competency	
Secondary Laker Learning Competency	

*Course and program outcomes will be used in the software for outcomes assessment and should include at least 1 primary and 1 secondary Laker Learning Competency. Limit to 3-5.