

8/26/2024

DATE

AHD DIVISION

REQUIRED COURSE

 NEW COURSE

ELECTIVE COURSE

 REVISION

Lake Land College

Course Information Form

COURSE NUMBER:		EMS-084		TITLE: (30 Characters Max)			Paramedical Skills II				
SEM CR HRS:	3	Lecture:	1		Lab:	4	ECH:		5		
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			Contact Hours (Minutes/Week)					
Repeatable (Y/N):	Y	Pass/Fail (Y/N):	N	Variable Credit (Y/N):	N	Min:	Max:	16 Wks	250	8 Wks	500
Prerequisites:	EMS-061 and EMS-064 and EMS-068 and EMS-071 and EMS-074 and EMS-078										
Corequisites:	Concurrently enrolled in EMS-062 and EMS-086 and EMS-088										
Catalog Description: (40 Word Limit)	This course provides the paramedic student with the skills needed to manage a medical patient, including all of the body systems.										

List the Major Course Segments (Units)	Contact Lecture Hours	Contact Lab Hours	Clinical Practicum	Work-based Learning
Assessment of Pediatric Patients	2.5	10		
Assessment of Patients with Special Considerations	2.5	10		
Neurology Emergency Management	2	5		
Endocrine Management	1	5		
Immunology Management	1	5		
Gastrointestinal Management	1	5		
Mental Health	2	10		
Respiratory Management	3	10		
TOTAL	15	60	0	0

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

COURSE MATERIALS	
TITLE:	Sander's Paramedic Textbook
AUTHOR:	Mick J. Sanders, American Academy of Orthopedic Surgeons
PUBLISHER:	Jones and Bartlett
VOLUME/EDITION/URL:	6th edition
COPYRIGHT DATE:	2025

MAJOR COURSE SEGMENT	HOURS	LEARNING OUTCOMES
		<i>The student will be able to:</i>
Assessment of Pediatrics	12.5	1. Demonstrate the steps to assess a neonate patient following a birth with or without complications. 2. Obtain a medical history on a pediatric patient. 3. Complete a trauma and medical assessment on a pediatric patient.
Assessment of Patients with Special Considerations	12.5	1. Demonstrate the steps to assess a patient with mental health complications. 2. Demonstrate the steps to assess a geriatric patient. 3. Demonstrate the steps to differentiate a patient under the influence of drugs or alcohol versus other medical conditions. 4. Demonstrate the steps of managing and treating patients with suspected abuse.
Neurology Management	7	1. Recognize signs and symptoms of thrombotic vs. hemorrhage stroke. 2. Perform complete cranial nerve exam. 3. Identify motor or sensory function of all 12 cranial nerves. 4. Perform pupillary assessments, cardinal position of gaze and extraocular movements.
Endocrine Management	6	1. Discuss administration of dextrose in the prehospital setting. 2. Review all medications that may be implicated in endocrine disorders. 3. Differentiate type I DM from type II DM. 4. Demonstrate the use of Accu-chek devices.

Immunology Management	6	<ol style="list-style-type: none"> 1. Differentiate between allergic reaction and anaphylaxis. 2. Administration, dosage, draw, administer all appropriate medications used to manage an allergic reaction. 3. Verbalize possible side effects of using epinephrine on patients with underlying cardiovascular disease.
Gastrointestinal Management	6	<ol style="list-style-type: none"> 1. Perform insertion of NG/OG tubes. 2. Perform medication administration through these devices. 3. Distinguish different types of internal devices used in patients- peg tube, g tube, j tube, etc. 4. Identify patients at risk for GI bleeding, review, medications for GI bleeding and fluid resuscitation rates for GI bleeding.
Mental Health	12	<ol style="list-style-type: none"> 1. List, identify, draw and administer all potential antidotes carried on ambulances worldwide. 2. List appropriate treatment for overdoses. 3. List treatment options for overdose on the following medication classes: beta blocker, calcium channel blocker, opiates, narcotics. 4. Demonstrate general management of overdose emergencies.
Respiratory Management	13	<ol style="list-style-type: none"> 1. Demonstrate safe use of CPAP device. 2. Describe indications, contraindications, and age considerations for airway management. 3. Demonstrate troubleshooting of portable ventilator based on patient status changes. 4. Assemble nebulizer administration set. 5. Demonstrate nebulizer administration set. 6. Demonstrate the use and exchange of a portable oxygen device.
75		

Outcomes*	At the successful completion of this course, students will be able to:
Course Outcome	Identify complications and risks associated with special needs patients.
Course Outcome	Formulate treatment plan for patients of various ages based on assessment data.
Course Outcome	Manage a pediatric patient during various emergency situations.
Course Outcome	Demonstrate complete patient assessment using inspection, palpation, and auscultation with medical history.
Course Outcome	Develop treatment plans for patients in various medical emergencies.
Program Outcome	Implement treatment plans for patients of all ages in medical emergencies.
Program Outcome	Recognize the need for interagency collaboration for patient care during emergencies.
Primary Laker Learning Competency	Critical Thinking: Students connect knowledge from various disciplines to formulate logical conclusions and judgments.
Secondary Laker Learning Competency	Professional Skills & Ethics: Students demonstrate professional business skills and ethical accountability.

*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.