

8/26/2024

DATE

AHD DIVISION

☐ NEW COURSE☒ REVISION☐ REQUIRED COURSE
☒ ELECTIVE COURSE

Lake Land College

Course Information Form

COURSE NUMBER:	EMS-074	TITLE: (30 Characters Max)		Paramedical Care Skills II						
SEM CR HRS:	1	Lecture:	0.5	Lab:	1			ECH:	1.5	
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:		
Prerequisites:	EMS-061 and EMS-064 and EMS-068									
Corequisites:	Concurrently enrolled in EMS-071 and EMS-078									
Catalog Description: (40 Word Limit)	This course provides a paramedic student with advanced skills needed to manage patients with special considerations experiencing life-threatening conditions across the lifespan.									

List the Major Course Segments (Units)	Contact Lecture Hours	Contact Lab Hours	Clinical Practicum	Work-based Learning
Cardiac Management/ Pharmacology	2	10		
12-Lead EKG with STEMI Identification	5.5	5		
TOTAL	7.5	15	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	Prehospital Emergency Pharmacology
AUTHOR:	Mick J. Sanders, American Academy of Orthopedic Surgeons	Bledsoe/Clayden/Papa
PUBLISHER:	Jones and Bartlett	Prentice-Hall/Brady
VOLUME/EDITION/URL:	6th	8th
COPYRIGHT DATE:	2025	2019

MAJOR COURSE SEGMENT	HOURS	LEARNING OUTCOMES
		<i>The student will be able to:</i>
Cardiac Management/ Pharmacology	12	1. Applying cardiac monitors properly. 2. Describe use, limitations, benefits and pitfalls of cardiac monitoring. 3. Demonstrate troubleshooting poor tracings. 4. Perform a focused assessment on the patient with a chest pain related complaint. 5. Identify all rhythms from ECG tracing. 6. Demonstrate synchronized cardioversion, transcutaneous pacing and defibrillation. 7. List indications, contraindications and rationale for using each treatment method.
12- Lead EKG with STEMI Identification	10.5	1. Identify signs and symptoms associated with Acute Coronay Syndrome (ACS). 2. Differentiate different types of Acute Coronay Syndrome (ACS). 3. Identify indications for transport of cardiac cath lab.
	22.5	

Outcomes*

At the successful completion of this course, students will be able to:

Course Outcome	Demonstrate proper electrical or chemical interventions for cardiac dysrhythmias.
Course Outcome	Develop treatment plans for patients in cardiac emergency situations.
Course Outcome	Demonstrate proper treatment for STEMI.
Course Outcome	Demonstrate proper identification of 12-Lead EKGs.
Program Outcome	Demonstrate proper administration of medications in prehospital emergency settings.
Program Outcome	Implement treatment plans for patients of all ages in medical emergencies.
Primary Laker Learning Competency	Professional Skills & Ethics: Students demonstrate professional business skills and ethical accountability.

Secondary Laker Learning
Competency

Critical Thinking: Students connect knowledge from various disciplines to formulate logical conclusions and judgments.

**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.*