

7/26/2022

DATE

REQUIRED COURSE
ELECTIVE COURSEAHD DIVISION
 NEW COURSE
 REVISION

Lake Land College

Course Information Form

COURSE NUMBER:	EMS-062	TITLE: (30 Characters Max)	EMS Pharmacology								
SEM CR HRS:	2	Lecture:	2	Lab:	0	ECH:	2				
Course Level:	<input type="checkbox"/> Gen Ed / IAI <input checked="" type="checkbox"/> Career/Technical <input type="checkbox"/> Baccalaureate /Non-IAI <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		Contact Hours (Minutes/Week)					
Repeatable (Y/N):	Y	Pass/Fail (Y/N):	N	Variable Credit (Y/N):	N	Min:	Max:	16 Wks	100	8 Wks	200
Prerequisites:	EMS-061, EMS-064, EMS-068, EMS-071, EMS-074 and EMS-078										
Corequisites:	EMS-084, EMS-086 and EMS-088										
Catalog Description: (40 Word Limit)	This course provides the paramedic student with the knowledge and skills to integrate pathophysiological principles of pharmacology and the assessment findings to formulate a field impression and implement a pharmacologic management plan.										

List the Major Course Segments (Units)	Contact Lecture Hours	Contact Lab Hours	Clinical Practicum	Non-Clinical Internship/ SOE
EMS pharmacology	20			
Medication administration	10			
TOTAL	30	0	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 type="checkbox"/>	OTHER <input type="checkbox"/>

COURSE MATERIALS

TITLE:	Prehospital Emergency Pharmacology
AUTHOR:	Bledsoe/Clayden/Papa
PUBLISHER:	Prentice-Hall/Brady
VOLUME/EDITION/URL:	7th
COPYRIGHT DATE:	2012

MAJOR COURSE SEGMENT	HOURS	LEARNING OUTCOMES
		<i>The student will be able to:</i>
EMS pharmacology	20	1. Discuss the pathophysiological principles of pharmacology and implement a pharmacologic management plan for various patient age groups.
Medication administration	10	1. Demonstrate the ability to safely prepare and gain access to venous circulation. 2. Demonstrate the ability to calculate, prepare, and safely administer medications.
	30	

Outcomes*

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

Course Outcome 1 Describe the components of the parasympathetic and sympathetic nervous system.

Course Outcome 2 List the sources of drugs and give examples of each.

Course Outcome 3 Demonstrate the safe administration of medications via the IM/SQ/IV and IO routes.

Course Outcome 4 List indications/contraindications of all pharmacological agents given in the prehospital setting.

Course Outcome 5 Recall doses, routes, indications, contraindications, and side effects of 10 prehospital medications.

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.*