4/22/2025 DATE
☑ REQUIRED COURSE
☐ ELECTIVE COURSE

AHD DIVISION
☑ NEW COURSE
☐ REVISION

Lake Land College

Course Information Form

COURSE NUMBER:	AHE-057	TITLE: *(30 Characters Max)*	Pharmacology for Coders						
SEM CR HRS:	3.0	Lecture:	3.0	Lab:	0.0	ICCB Lab:	0.0	ECH:	3.0
Course Level:	☐ Gen Ed / IAI ☐ Baccalaureate /Non-IAI ☑ Career/Technical ☐ Dev Ed/ Not in Degree Audit			Clinical Practicum:	0.0	Work-based Learning:	0.0	WBL ECH:	0.0
COURSE PCS #	12 - 26.1001	IAI Code	N/A			Contact Hours (Minutes/Week)			
Repeatable (Y/N):	N	Pass/Fail (Y/N): N	Variable Credit (Y/N): N	Min:		Max:		16 Wks	150	8 Wks	300
Prerequisites:	None								
Corequisites:	None								
Catalog Description: (40 Word Limit)	This course provides an overview of pharmacology and assists the medical coder to recognize medication forms; identify administration routes and therapeutic uses; read the prescription; identify medication categories, generic names and trade names; and associate drugs with clinical applications.								

List the Major Course Segments (Units)	Contact Lecture Hours	Contact Lab Hours	Clinical Practicum	Work-based Learning
Introduction to pharmacology	8			
Pharmacotherapy for the integumentary, skeletal and muscular systems	5			
Pharmacotherapy for the nervous and sensory systems	5			
Pharmacotherapy for the cardiovascular and respiratory systems	6			
Pharmacotherapy for the gastrointestinal and endocrine systems	6			
Pharmacotherapy for the genitourinary system	5			
Pharmacotherapy for the immune system	5			
Pharmacotherapy for multisystems	5			
TOTAL	45	0	0	0

EVALUATION							
QUIZZES	☐	EXAMS	☑	ORAL PRES	☐	PAPERS	☐
LAB WORK	☐	PROJECTS	☐	COMP FINAL	☐	OTHER	☑

COURSE MATERIALS		
TITLE:	Pharmacology Essentials for Allied Health	
AUTHOR:	Danielson, Marquis, & McKennon	
PUBLISHER:	Paradigm	
VOLUME/EDITION/URL:		
COPYRIGHT DATE:	2017	

MAJOR COURSE SEGMENT	HOURS	LEARNING OUTCOMES
		The student will be able to:
Introduction to pharmacology	8	1. Describe pharmacological terms. 2. List routes of administration. 3. Interpret common medication abbreviations. 4. Identify brand and generic names on medicationlabels. 5. Distinguish between scheduled and unscheduled medications. 6.Accurately interpret a prescription.
Pharmacotherapy for the integumentary, skeletal and muscular systems	5	1.State the actions, primary uses and parameters utilized in medication therapy utilized in the treatment of disorders of the integumentary, skeletal and muscular systems. 2. Identify generic and trade names of common medications.
Pharmacotherapy for the nervous and sensory systems	5	1. State the actions, primary uses and monitoring parameters utilized in medication therapy utilized in the treatment of disorders of the nervous and sensory systems. 2. Identify generic and trade names of common medications.
Pharmacotherapy for the cardiovascular and respiratory systems	6	1. State the actions, primary uses and monitoring parameters utilized in medication therapy utilized in the treatment of disorders of the cardiovascular and respiratory systems. 2. Identify generic and trade names of common medications.

Pharmacotherapy for the gastrointestinal and endocrine systems	6	1. State the actions, primary uses and monitoring parameters utilized in medication therapy utilized in the treatment of disorders of the gastrointestinal and endocrine systems. 2. Identify generic and trade names of common medications.
Pharmacotherapy for the genitourinary system	5	1.State the actions, primary uses and monitoring parameters utilized in medication therapy utilized in the treatment of disorders of the genitourinary system. 2.Identify generic and trade names of common medications.
Pharmacotherapy for the immune system	5	1. State the actions, primary uses and monitoring parameters utilized in medication therapy utilized in the treatment of disorders of the immune system. 2. Identify generic and trade names of common medications.
Pharmacotherapy for multisystems	5	1.State the actions, primary uses and monitoring parameters utilized in medication therapy utilized in the treatment of disorders of the multisystem disorder. 2. Identify generic and trade names of common medications.
	45	

Outcomes*	At the successful completion of this course, students will be able to:
Course Outcome 1	Interpret common pharmacological abbreviations.
Course Outcome 2	Identify common medication forms.
Course Outcome 3	Identify major categories of medication used to treat disorders of the body systems studied.
Course Outcome 4	Summarize the actions, primary uses and monitors parameters utilized in medication therapy.
Primary Laker Learning Competency	Critical Thinking: Students connect knowledge from various disciplines to formulate logical conclusions.
Secondary Laker Learning Competency	Information & Technology Literacy: Students evaluate information effectively using the appropriate technological tools.

**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.*