

4/21/2025

DATE

AHD DIVISION

 REQUIRED COURSE NEW COURSE ELECTIVE COURSE REVISION

Lake Land College

Course Information Form

COURSE NUMBER:		PNC-053		TITLE: (30 Characters Max)		Basic Pharmacology I							
SEM CR HRS:	2	Lecture:		2	Lab:	0			ECH:	2			
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 - 51.3901		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	100	8 Wks	200
Prerequisites:	PNC-049 or equivalent, PNC-050												
Corequisites:	PNC-052												
Catalog Description: (40 Word Limit)	The Nursing Process and the role of medication therapy in the prevention of disease, promotion of health and treatment of disease provides the framework in this study of pharmacology and the administration of medication for the practical nurse.												

List the Major Course Segments (Units)	Contact Lecture Hours	Contact Lab Hours	Clinical Practicum	Work-based Learning
Reproductive system	3			
Endocrine system	3			
Fluids and electrolytes	4			
Urinary and gastrointestinal systems	4			
Mental health	4			
Sensory system	4			
Mobility/Pain	4			
Nervous system	4			
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 checked="" type="checkbox"/>	COMP FINAL <input type="checkbox"/>	OTHER <input type="checkbox"/>

COURSE MATERIALS

TITLE:	Pharmacology: A Patient-Centered Nursing Process Approach	Mosby's NRSNG DRUG Reference
AUTHOR:	McCustion, Vuljoin, DiMaggio, Winton & Yeager	Skidmore-Roth
PUBLISHER:	Elsevier	Elsevier
VOLUME/EDITION/URL:	11th edition ISBN: 9780323642477	38th edition
COPYRIGHT DATE:	2023	2025

Online Products

TITLE:	ATI PN Core Support Package	
TITLE:	ATI Health Assess	
TITLE:	ATI EHR	

MAJOR COURSE SEGMENT	HOURS	LEARNING OUTCOMES
		<i>The student will be able to:</i>
Reproductive systems	3	1. State the actions, primary uses and monitoring parameters for medications used in reproductive health. 2. Discuss the use of the nursing process in medications used in reproductive health.
Endocrine system	3	1. State the actions, primary uses and monitoring parameters for medications used in endocrine system. 2. Discuss the use of the nursing process in medications used in nervous system.

Fluids and electrolytes	4	1. State the actions, primary uses and monitoring parameters for medications used for the maintenance of fluids and electrolytes. 2. Discuss the use of the nursing process in medications used to restore fluid and electrolyte balance.
Urinary and gastrointestinal systems	4	1. State the actions, primary uses and monitoring parameters for medications used in urinary system. 2. Discuss the use of the nursing process in medications used in urinary system. 3. Explain the action of medications used to treat gastrointestinal disease. 4. Identify important nursing assessments and interventions associated with the medication therapy related to gastrointestinal diseases.
Mental health	4	1. State the actions, primary uses and monitoring parameters for medications used in mental health. 2. Discuss the use of the nursing process in medications used in mental health.
Sensory	4	1. State the actions, primary uses and monitoring parameters for medications used in the sensory system. 2. Discuss the use of the nursing process in medications used in the sensory system.
Muscular system/pain	4	1. State the actions, primary uses and monitoring parameters for medications used in muscular system. 2. Discuss the use of the nursing process in medications used in muscular system.
Nervous system	4	1. State the actions, primary uses and monitoring parameters for medications used in nervous system. 2. Discuss the use of the nursing process in medications used in the nervous system.
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Outcomes*	At the successful completion of this course, students will be able to:
Course Outcome 1	Identify major sources of medication standards and medication information.
Course Outcome 2	Apply basic mathematical principles to the calculation of problems associated with medication dosages.
Course Outcome 3	Explain the major action of medications used to treat disorders of the body systems studied.
Course Outcome 4	Utilize basic principles of medication action and interactions to make sound nursing judgements associated with medication therapy.
Course Outcome 5	Discuss the nursing process and its application to pharmacology.
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.