

5/5/2025

DATE

 REQUIRED COURSE  
 ELECTIVE COURSE

 AHD DIVISION  
 NEW COURSE  
 REVISION

# Lake Land College

## Course Information Form

COURSE NUMBER:	ADN-075	TITLE: (30 Characters Max)	Pharmacology III								
SEM CR HRS:	2.0	Lecture:	2.0	Lab:	0.0	ICCB Lab:	0.0	ECH:	2.0		
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:	0.0	Work-based Learning:	0.0	WBL ECH:	0.0
COURSE PCS #	12 - 51.3801		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:	Successful completion of Pharmacology II ADN-074										
Corequisites:	ADN-078										
Catalog Description: (40 Word Limit)	Continuation of ADN-074. The nursing process is utilized to apply pharmacology concepts for clients in increasingly complex health conditions to prepare students for entry-level practice.										

List the Major Course Segments (Units)	Contact Lecture Hours	Contact Lab Hours	Clinical Practicum	Work-based Learning
Nursing process and medications that affect advanced perfusion	4			
Nursing process and medications that affect advanced clotting/nursing process and medications that affect advanced oxygenation	6			
Nursing process and medications that affect intracranial regulation	5			
Nursing process and medications that affect cellular regulation	5			
Nursing process and medications that affect stress and coping, mood and affect, interpersonal violence and psychosis	6			
Nursing process and medications that affect collaboration and health promotion	4			
<b>TOTAL</b>	<b>30</b>	<b>0</b>	<b>0</b>	<b>0</b>

### 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 checked="" type="checkbox"/>	OTHER <input type="checkbox"/>

### COURSE MATERIALS

TITLE:	Pharmacology: a patient-centered nursing process approach
AUTHOR:	McCustion, DiMaggio, Winton, and Yeager
PUBLISHER:	Elsevier
VOLUME/EDITION/URL:	12th edition
COPYRIGHT DATE:	2026

### Online Products

TITLE:	ATI RN Review Module, EHR, Video Case Studies, and Online Modules
TITLE:	EAQ for Fundamentals, Med-surg, and Pharmacology texts

MAJOR COURSE SEGMENT	HOURS	LEARNING OUTCOMES
		<i>The student will be able to:</i>

<p>Nursing process and medications that affect advanced perfusion</p>	<p>4</p>	<ol style="list-style-type: none"> <li>1. Differentiate between mechanisms of action among medications used to treat heart failure, advanced CAD, MI and emergent cardiac disorders.</li> <li>2. Identify and interpret various lab values associated with heart failure, advanced CAD, MI and emergent cardiac disorders.</li> <li>3. Prepare clinical judgment to evaluate client response to use of medications used to treat heart failure, advanced CAD, MI and emergent cardiac disorders.</li> <li>4. Discuss risks, incompatibilities and complications associated with use of medications used to treat heart failure, advanced CAD, MI and emergent cardiac disorders.</li> <li>5. Identify priority teaching needs with use of medications to treat heart failure, advanced CAD, MI and emergent cardiac disorders.</li> </ol>
<p>Nursing process and medications that affect advanced clotting/nursing process and medications that affect advanced oxygenation</p>	<p>6</p>	<ol style="list-style-type: none"> <li>1. Describe the action for anticoagulants, antiplatelets and thrombolytics and medications used to treat infectious and non infectious lung conditions.</li> <li>2. Identify and interpret various lab values associated with use of anticoagulants, antiplatelets and thrombolytic and medications used to treat infectious and non infectious lung conditions.</li> <li>3. Discuss risks, incompatibilities and complications associated with the use of anticoagulants, antiplatelets and thrombolytic and medications used to treat infectious and non-infectious lung condition.</li> <li>4. Identify priority teaching needs with use of anticoagulants, antiplatelets and thrombolytic and medications used to treat infectious and non infectious lung conditions</li> <li>5. Prepare clinical judgment to identify priority teaching needs when taking anticoagulants, antiplatelets and thrombolytics, infections and non-infectious lung conditions.</li> </ol>
<p>Nursing process and medications that affect intracranial regulation</p>	<p>5</p>	<ol style="list-style-type: none"> <li>1. Discuss the medication group used to treat myasthenia gravis.</li> <li>2. Compare the treatment strategies for the three phases of multiple sclerosis.</li> <li>3. Differentiate between the muscle relaxants used for spasticity and those used for muscle spasms.</li> <li>4. Prepare clinical judgment to medications used to treat myasthenia gravis and muscle spasms.</li> </ol>
<p>Nursing process and medications that affect cellular regulation</p>	<p>5</p>	<ol style="list-style-type: none"> <li>1. Prioritize appropriate nursing interventions to use during the treatment of clients receiving anticancer medications.</li> <li>2. Apply client-centered collaborative care, including teaching, related to anticancer medications.</li> <li>3. Develop a focused teaching plan about use and side effects of anticancer medications.</li> <li>4. Apply the nurses role in medication management and issues of adherence.</li> <li>5. Explain prophylactic treatment for opportunistic infections.</li> <li>6. Prepare clinical judgment, including teaching, to care of clients infected with HIV.</li> </ol>

Nursing process and medications that affect stress and coping, mood and affect, interpersonal violence and psychosis	6	<ol style="list-style-type: none"> <li>1. Differentiate between the groups of medications used to treat mental health disorders: antidepressants, mood stabilizers and antipsychotics.</li> <li>2. Contrast the action, uses, side effects and adverse effects of antidepressants, mood stabilizers and antipsychotics.</li> <li>3. Plan nursing interventions, including client teaching, for the client taking antidepressants, mood stabilizers and antipsychotics.</li> <li>4. Prepare clinical judgment to the client taking antidepressants, mood stabilizers and antipsychotics.</li> </ol>
Nursing process and medications that affect collaboration and health promotion	4	<ol style="list-style-type: none"> <li>1. Explain the application of the nursing process to medication administration in community settings with emphasis on vaccines.</li> </ol>
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Outcomes*	At the successful completion of this course, students will be able to:
Course Outcome 1	Communicate essential components to enhance compliance with the medication regimen.
Course Outcome 2	Implement pertinent assessments for comparison and evaluation of medication effectiveness.
Course Outcome 3	Implement key principles of medication action and interactions to make sound nursing judgments associated with medication therapy.
Course Outcome 4	Evaluate the nursing process as it applies to pharmacotherapeutics
Course Outcome 5	Implement essential nursing assessments and interventions associated with the medication therapy.
Primary Laker Learning Competency	Communication: Students communicate through the exchange of information.
Secondary Laker Learning Competency	Quantitative Literacy: Students analyze data and mathematical patterns in real-life situations.

\*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.