



**AAS in Nursing Program
End of Semester Course Report**

Course Number & Name: NURS 155: Clinical Decision Making in Drug Therapy

Year/Semester: 2024 Spring

Course Faculty	
Theory:	Michelle Husbands
Elko Clinical:	N/A
Pahrump Clinical:	N/A
Winnemucca Clinical:	N/A
Ely Clinical:	N/A

Faculty/ Student Ratio	
Theory Ratio:	32:1
Clinical Ratio:	N/A
Simulation Ratio:	N/A

Course Attrition	
Beginning number of students:	32
Withdrawals:	4
Incompletes (with expected date of completion):	0

*Use number of students at the beginning of the semester

Dosage Calculation Exam	
First attempt passed:	N/A
Second attempt passed:	N/A
Third attempt passed:	N/A
A&P Committee/ Dismissal:	N/A

Course Outcomes:

Final Theory Outcomes	
Percent Passed:	99%
Percent Failed:	09.6%%
Range of Total Course Grade (theory and clinical)	68.97 - 96.26%

Final Clinical Outcomes	
Percent Satisfactory	N/A
Percent Unsatisfactory	N/A
Range of Clinical Grades (Scores)	N/A

Complete Curriculum Map with % of students meeting ELA of 76% for each measurement (see curriculum maps for course outcome achievement)

Course SLOs	100% of students passing the course met course SLOs (See curriculum maps)	% Students strongly agreed and agreed course SLOs were met
19 out of 30 (63%) students complete SLO survey (time was provided in class)		
1. Apply concepts of pharmacology that contribute to safe care of patients on various drug therapy regimens, incorporating developmentally and culturally appropriate interventions.	X	100%
2. Apply clinical reasoning related to all aspects of medications to promote desired patient outcomes	X	100%
3. Analyze the role of the nurse in working with other healthcare providers to improve patient outcomes related to medication administration.	X	100%
4. Apply legal guidelines when administering medications to patients with various healthcare needs.	X	100%
5. Plan nursing care for patients with various healthcare needs related to the administration of medications including the use of information	X	100%

technology and resources.		
---------------------------	--	--

NCLEX Report Changes:

Based on the NCLEX report, discuss planned changes (Fall courses) or what was changed in the course (Spring Courses):

1. **Mountain Measurements:** assessment, psychosocial & pharmacology – integrate more pathophysiology, mechanism of action & assessment findings via case studies.

Textbooks:

Textbook	Effective	Recommend Change
ATI. (2023). RN pharmacology for nursing edition 9.0. Assessment Technologies Institute, LLC.	X	
Vallerand, A. H. & Sanoski, C. A. (2019). Davis’s drug guide for nurses. (16th Ed.). Philadelphia, PA: F.A. Davis Company.	X	
Pharmacology Made Easy 4.0 Online www.atitesting.com	X	

Justification for recommended textbook change:

ATI: (See Fall 2023 NURS 257 Course Report – ATI Pharmacology Proctor Exam)

See AAS Program ATI Course Integration List.

ATI _____ Proctored Exam		
--------------------------	--	--

	Current Semester 2023	Previous Semester 2022	Previous Semester 2021	Previous Semester 2020	Previous Semester 2019
% & # of Group Below Proficiency Level 1					
% & # of Group at Proficiency Level 1					
% & # of Group at Proficiency Level 2					
% & # of Group at Proficiency Level 3					
Group Score:					
Group Mean—National:					
Group Mean –Program:					
Institutional Benchmark:					
% of Group Meeting Institutional Benchmark:					
Group Percentile Rank - National					
Group Percentile Rank - Program					
Thinking Skills Group Scores					
Foundational Thinking					
Clinical Judgment/Critical Thinking					
Priority Setting					
Nursing Process Group Scores					
Assessment					
Analysis/Diagnosis					
Planning					
Implementation/Therapeutic Nursing					
Evaluation					
Major NCLEX Content Areas					
Management of Care					
Safety and Infection Control					
Health Promotion and Maintenance					
Psychosocial Integrity					
Basic Care and Comfort					
Pharmacological and Parenteral Therapies					
Reduction of Risk Potential					
Physiological Adaptation					

QSEN					
Safety					
Patient-Centered Care					
Evidence Based Practice					
Quality Improvement					
Teamwork and Collaboration					

Highlight: Green = improving, Yellow = Low, Blue = Decreasing

ATI Proctored Exam Specific Topic Review/ Analysis: N/A

Any Recommended Changes to ATI Materials (*Update ATI Course Integration List when changes are made):

No recommended changes

Course Exams:

See Test Blueprints for detailed analysis.

Exam Averages					
Year	Current Semester 2024	Previous Semester 2023	Previous Semester 2022	Previous Semester 2021	Previous Semester 2020
Midterm	Average – 85% (63% - 98%)	Average - 88% (61% – 102%)	Average – 85% (63% - 97%)	Average – 86% (74% - 102%)	Average – 89% (72% - 98%)
Final	Average – 85% (72% - 95%)	Average – 92% (77% – 100%)	Average – 88% (69% - 96%)	Average – 89% (70% - 98%)	Average – 92% (78% - 98%)

Theory/Classroom Analysis:

Teaching Methods:

The following ATI Modules medication categories were studied: Hematology Cardiovascular, Endocrine, GU/Reproductive and Nervous System medications.

The self-directed online ATI RN Pharmacology 4.0 program is the main method used in this course. The ATI online program is supplemented with weekly (75 minutes) traditional in-class lecture/discussion to provide the students the opportunity to clarify concepts and ask questions about the content. Prior to attending the in-class sessions, students are required to view and complete the assigned online ATI module and review the content, case study & complete the corresponding quiz with a score of 76% or greater. Once completed, the students are required to upload an ATI transcript into Web Campus confirming completion and documentation of the time spent in completing the module. Using the Web Campus platform, an in-class module quiz is given covering the module content to evaluate the students' comprehension.

To supplement the online instruction, the instructor used the provided ATI Drug information Tables to review disease pathophysiology, pharmacological treatment, mechanism of action, nursing interventions, client education and legal, ethical, and cultural principles related to safe medication administration for each of medication classifications covered. The various instructor developed module assignments (pre-work): case studies, comparison chart/tables, fill-in diagrams for the students to complete are assigned to aid students in developing clinical judgment/reasoning/application.

What worked well and reason(s):

1. Class discussions were guided by utilizing the ATI Drug Information Tables. This approach seemed to work the best in presenting knowledge, facilitating the students' critical thinking skills and promoting note-taking directly on tables.
2. Requiring the students to review, complete, and submit an ATI transcript of each module prior to class helped with more engaging discussion during class. Awarding points (1 thru 4) based on the number of hours a student dedicated to reviewing and completing the assigned modules motivated the students to be prepared for in-class involvement/discussion.
3. The development of pre-work module activities that include case studies, comparison charts/tables and fill-in diagrams helped aid in clinical application of content.
4. Requiring the students to develop a client education video and informational handout assisted the students to better understand the medication they selected and to educate clients in clinical practice. The development of the informational handout helped to provide client with pertinent information at an appropriate health literacy level using an online automatic text readability calculator.
5. Adding one (1) additional NGN style question to each module quiz, the mid-term and final exam was well received by the

students and introduce the students to new NGN style question in preparation for the 2023 NCLEX exam.

6. Coordinating aligning the weekly module topics with the NURS 158 and NURS 159 course modules topics helped students better understand, associate, and apply the therapeutic uses of medications with the disease process.
7. Due to the vast amount of information provided by ATI, providing a study guide for the midterm/final exam helped the students to focus on important concepts & content.

Anticipated Changes:

2. Consider changing CHF case study to HTN/CAD to correlate with N158 CV module
3. For Client Education Video/Handout Assignment & Scoring Rubric criteria add required website link
4. Change assignment for Nervous System module – consider make flash cards; Adjust time due to 1:00 pm
5. Consider moving Nervous System Module to beginning of course to help students understand medications for NURS 159 course.
6. Review quiz and exam questions and update 10% of questions using ATI Claire AI

Clinical Analysis: No clinical component

Virtual Clinical & Simulation (All Centers)			
	Effective in supporting achievement of course SLOs (and course content)	Recommend Change*	% Students recommending continuing clinical at site*

--	--	--	--

***Justification for recommended change:**

Skills/ Practice Lab Changes/ Considerations: N/A

Clinical Assignment Proposed Changes: N/A

Elko			
	Effective in supporting achievement of course SLOs	Recommend Change*	% Students recommending continuing clinical at site*

***Justification for recommended change to Elko clinical site:**

Other Elko clinical considerations (consider EBP, health and safety goals, ANA standards and achievement of course SLOs):
N/A

Pahrump			
	Effective in supporting achievement of	Recommend Change*	% Students recommending continuing clinical at

	course SLOs		site*

***Justification for recommended change to Pahrump clinical site:**

Other Pahrump clinical considerations: N/A

Winnemucca			
	Effective in supporting achievement of course SLOs	Recommend Change*	% Students recommending continuing clinical at site*

***Justification for recommended change to Winnemucca clinical site:**

Other Winnemucca clinical considerations: N/A

Ely			
	Effective in supporting achievement of course SLOs	Recommend Change*	% Students recommending continuing clinical at site*

***Justification for recommended change to Ely clinical site:**

Other Ely clinical considerations: *N/A*

Administrative:

- a. Syllabus has been saved to file.
- b. Grades have been entered.
- c. Student work samples sent to Nursing Director.
- d. Curriculum map has been updated with all changes made and filed (including evaluation of SLOs).
- e. Integrated Concepts Illustration has been updated with all changes made and filed.
- f. Test blueprints have been filed with course report.

Faculty Signature(s): *Michelle Husbands, DNP, FNP-BC*

Date: 05/21/24

Directions: Complete and save in Dropbox/Nursing Shared Files/SPE/Course Reports along with syllabus, clinical schedule, grade book, curriculum map, integrated concepts illustration, and test blueprint.