

Page 1 of 1	MEDICATION DOSAGE CALCULATION TESTING	Approval Date:	9/14/2018
		Review/Amended Date:	2022

Policy:	In order to pass each clinical course, students must demonstrate a minimal level of proficiency in medication dosage and intravenous fluid calculations by achieving 90% or higher on calculation exams given each semester in a designated clinical course.
Purpose:	The purpose of this policy is to protect patient safety and prevent potential medication errors by validating a minimal level of student proficiency in drug calculations and would include basic medication dosage and/or intravenous fluid calculations. Basic medication dosage and intravenous fluid calculations are taught in NURS 3102 and students must maintain these skills throughout the program. Students are apprised of this policy during NURS 3102.
Procedure:	<p>1. Dosage calculation exams will be given during the drop/add period of each semester. Exams are given in NURS 3203, NURS 4114 and NURS 4224.</p> <ul style="list-style-type: none"> Students who are repeating a course that is not one of those listed will be required to take the calculation exam as well. Therefore, faculty of courses in which the calculation exam is not administered that have a repeating student(s) will coordinate with the course coordinator of applicable course (3203, 4114, or 4224) to schedule the student for the exam. <p>2. Students will be given two (2) opportunities to achieve the required score on dosage calculation exams.</p> <p>3. Students who fail to score 90% or higher on the second attempt will be required to drop all clinical courses for that semester.</p> <p>4. Every unit exam given in clinical nursing courses will include dosage calculation items as a means of keeping skills intact throughout a semester</p> <p><u>The following criteria will be required of all clinical course calculation exams:</u></p> <ul style="list-style-type: none"> Students will be given two (2) attempts Students will be required to score 90% to progress in the program Students will be encouraged to seek remediation from the course instructor(s), pharmacology instructor(s) and/or skills lab prior to the next attempt. Exams will be computer-based A student who fails a calculation exam two (2) times will not be eligible to participate in clinical experiences that include medication administration; therefore, respective course(s) withdrawal will be mandatory. <p><u>Template for Calculation Proficiency Exams in a Clinical Course</u></p> <ul style="list-style-type: none"> Exams will be comprised of 10-20 dosage calculation questions.

	<ul style="list-style-type: none">• Dosage calculation exams will be representative of the level in which the exam is being administered (e.g. Junior 2, Senior 1, etc)
--	---