

Dosage and Calculation

All students must demonstrate successful completion of dosage and calculation math competency during their enrollment. Accurate dosage and calculation is essential to provide safe, quality patient care. In order to assess and evaluate the student's competency in the area, the student must pass a dosage calculation exam for selected nursing courses with a score of 100%. The student will be permitted a maximum of three (3) attempts to successfully meet this requirement, in each designated course. If a student is unsuccessful after the third attempt, they will be withdrawn from the course, and a grade of 'F' will be assigned immediately.

Procedure:

1. Dosage and calculation exams will be offered in the following courses: NUR 105, NUR 132, NUR 215/225, and NUR 265
2. Students will be given 3 opportunities, if necessary, to successfully complete the requirement for each course
3. A "no call/no show" for a scheduled dosage and calculation exam will count as a failed attempt
4. If the student is unsuccessful after the third attempt, they will receive a failure (F) for the course.
5. Students who do not pass the dosage calculation exam on the first attempt will be assigned specific remediation activities that must be completed before the next scheduled exam
6. Students who do not pass the calculation exam on the second attempt will be required to attend mandatory remediation as designated by the faculty and prior to the next exam
7. Scheduling of exams/preparation:
 - a. NUR 105 (Day and Evening Weekend option):
 - i. A self-paced module will be provided to students that will include instruction and practice questions
 - ii. A class session in NUR 105 will be offered prior to the first exam to allow students the opportunity to clarify dosage calculation questions
 - iii. Exams will be administered semester weeks 5, 7, 9 of NUR 105
 - iv. Math exams may fall outside scheduled class time
 - b. NUR132, NUR 215/225, NUR265 (Day and Evening Weekend option):
 - i. Students will be provided with review materials and practice questions prior to the first exam
 - ii. Exams will be administered during weeks 1, 3, and 5 of NUR 132, NUR215/225, and NUR265
 - iii. Math exams may fall outside scheduled class time
8. Additional expectations:
 - a. Calculator use for math calculation:
 - i. Only the use of a four function calculator on nursing examinations, in the nursing lab and clinical area is allowed.
 - ii. Calculators may not be shared during exams.
 - iii. Cell phone calculators are not acceptable for use.
 - b. Expectations for clinical calculation:
 - i. All answers less than one require a leading zero.
 - ii. Zeros should not be used after a whole number.
 - iii. All answers must be correctly labeled.

- iv. All answers must be rounded appropriately.
- v. Students must show all work.
- vi. Dimensional analysis must be used for clinical calculations.
- vii. Sixty (60) minutes will be allotted for each exam.